
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

Post-Effective Amendment No. 1 to Form S-8
Registration Statement No. 333-196973
Post-Effective Amendment No. 1 to Form S-8
Registration Statement No. 333-232925
Post-Effective Amendment No. 1 to Form S-8
Registration Statement No. 333-240195

*UNDER THE
SECURITIES ACT OF 1933*

TRINSEO PLC

(Exact name of registrant as specified in its charter)

Ireland
(State or other jurisdiction of
incorporation or organization)

N/A
(IRS Employer
Identification No.)

**1000 Chesterbrook Boulevard
Suite 300
Berwyn, PA 19312**
(Address, including zip code, of registrant's principal executive offices)

Trinseo PLC Amended and Restated 2014 Omnibus Incentive Plan
(Full title of the plans)

Angelo Chaclas
Senior Vice President, Chief Legal Officer, Chief Compliance Officer and Corporate Secretary
**1000 Chesterbrook Boulevard
Suite 300
Berwyn, PA 19312
(610) 240-3200**
(Name, address and telephone number, including area code, of agent for service)

Please send copies of all communications to:

Rachel D. Phillips
Ropes & Gray LLP
1211 Avenue of the Americas
Ropes & Gray LLP
New York, NY 10036-8704
212 596 9000

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/>	Smaller reporting company	<input type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.



EXPLANATORY NOTE

This Post-Effective Amendment is being filed pursuant to Rule 414 of the Securities Act of 1933, as amended (the “Securities Act”), by Trinseo PLC, an Irish public limited company, as the successor issuer to Trinseo S.A., a Luxembourg limited liability company, pursuant to a cross-border merger. On October 8, 2021, each previously outstanding ordinary share of Trinseo S.A., par value \$0.01 per share (excluding treasury shares), was exchanged for one ordinary share of Trinseo PLC, par value \$0.01 per share. We refer to the transactions effecting this exchange collectively as the “Redomiciliation”.

In connection with the Redomiciliation, Trinseo PLC has assumed Trinseo S.A.’s existing obligations in connection with awards granted under Trinseo S.A.’s incentive plans and other similar employee awards and amended such plans and awards as necessary to provide for the issuance of shares of Trinseo PLC ordinary shares rather than the ordinary shares of Trinseo S.A. upon the exercise of awards. This Post-Effective Amendment pertains to the adoption by Trinseo PLC of the following registration statements on Form S-8 (collectively, the “Registration Statements”): (i) Registration No. 333-196973; (ii) Registration No. 333-232925 and (iii) Registration No. 333-240195. Trinseo PLC hereby expressly adopts each Registration Statement as its own registration statement for all purposes of the Securities Act and the Securities Exchange Act of 1934 (the “Exchange Act”). This Post-Effective Amendment constitutes Post-Effective Amendment No. 1 to Registration Statement Nos. 333-196973, 333-232925 and 333-240195.

PART II INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The following documents filed by Trinseo S.A. with the Securities and Exchange Commission (the “Commission”) pursuant to the Exchange Act are hereby incorporated by reference in this Registration Statement:

- Trinseo S.A.’s annual report on [Form 10-K](#) for the year ended December 31, 2020, including the information incorporated by reference into the annual report in Form 10-K from Trinseo S.A.’s definitive proxy statement for the 2021 Annual General Meeting of Shareholders;
- Trinseo S.A.’s quarterly reports on [Form 10-Q](#) for the period ended June 30, 2021;
- Trinseo S.A.’s current reports on Form 8-K filed on [March 17, 2021](#), [March 22, 2021](#), [March 24, 2021](#), [March 26, 2021](#), [May 5, 2021](#), [May 6, 2021](#), [May 14, 2021](#), [May 25, 2021](#), [June 17, 2021](#), and [July 21, 2021](#); and
- the description of the ordinary shares of Trinseo PLC which is contained in Trinseo S.A.’s [DEF 14A](#) filed with the Commission on April 27, 2021 pursuant to Rule 12g-3(a) promulgated under the Exchange Act, including any amendment or report filed for the purpose of updating such description.

Each document filed by Trinseo PLC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act subsequent to the date of this Registration Statement and prior to the filing of a post-effective amendment which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be a part of this Registration Statement from the date of filing of such document. Any statement contained in this Registration Statement (including any further amendment hereto) or in a document incorporated or deemed to be incorporated by reference in this Registration Statement shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained in this Registration Statement (including any further amendment hereto) or in any document filed subsequent to the date of this Post-Effective Amendment that also is or is deemed to be incorporated by reference in this Registration Statement modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

Item 4. Description of Securities.

Not applicable.

Item 5. Interests of Named Experts and Counsel.

None.

Item 6. Indemnification of Directors and Officers.

Subject to exceptions, Irish law does not permit a company to exempt a director or certain officers from, or indemnify a director against, liability in connection with any negligence, default, breach of duty or breach of trust by a director in relation to the company.

The exceptions allow a company to: (a) purchase and maintain directors and officers insurance against any liability attaching in connection with any negligence, default, breach of duty or breach of trust owed to the company; and (b) indemnify a director or such other officer against any liability incurred in defending proceedings, whether civil or criminal: (i) in which judgment is given in his or her favor or in which he or she is acquitted; or (ii) in respect of which an Irish court grants him or her relief from any such liability on the grounds that he or she acted honestly and reasonably and that, having regard to all the circumstances of the case, he or she ought fairly to be excused for the wrong concerned.

The Memorandum and Articles of Association of Trinseo PLC (the "Constitution") includes a provision which entitles every director to be indemnified by Trinseo PLC (including by funding any expenditure incurred or to be incurred by him or her) against any liability incurred in his or her capacity as a director to the fullest extent permitted by law. The Constitution provides that where a person is so indemnified, such indemnity may extend to all costs, charges, losses, expenses and liabilities incurred by him or her. Any funds provided in compliance with Irish law to a director to meet any expenditure incurred by him or her in connection with defending himself or in an investigation of any negligence, default, breach of duty or breach of trust by him or her or otherwise, must be given on the basis of an undertaking from the director that the funds will be repaid if he or she is convicted, or judgment is given against him or her.

The Constitution also provides the Trinseo PLC Board with authority to purchase and maintain insurance at the expense of Trinseo PLC for the benefit of any person who is, or was at any time, a director or other officer or employee of the company or any associated company.

In addition to the provisions of the Constitution, it is common for a public limited company to enter into separate a deed of indemnity with a director or officer which essentially indemnifies the director or officer against claims brought by third parties to the fullest extent permitted under Irish law. Trinseo PLC intends to enter into such deeds of indemnity with each of its directors and officers. In addition, given the director indemnification limitations arising under Irish law, it is expected Trinseo PLC will procure that one or more of its subsidiaries will enter into indemnification agreements with each of the Trinseo PLC directors indemnifying them in respect of any liability incurred by them while acting as a director of Trinseo PLC.

Limitation on Director Liability

Subject to exceptions, as described above, Irish law does not permit a company to exempt any director or certain officers from any liability arising from negligence, default, breach of duty or breach of trust against the company. One of the exceptions is that an Irish company is permitted to purchase and maintain insurance for a director or executive officer of the company against any such liability.

Separately, in proceedings where negligence, default, breach of duty or breach of trust against a director has or may be established (or in anticipation of any such proceedings), an Irish court has the power to grant a director or other officer relief from liability on the grounds that he or she acted honestly and reasonably and that, having regard to all the circumstances of the case, he or she ought fairly to be excused for the wrong concerned.

Item 7. Exemption From Registration Claimed.

Not applicable.

Item 8. Exhibits.

The Exhibit Index immediately preceding the exhibits is incorporated herein by reference.

Item 9. Undertakings.

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the Registration Statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective Registration Statement;

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement; *provided, however*, that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this Registration Statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the Registration Statement shall be deemed to be a new Registration Statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question of whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

INDEX TO EXHIBITS

<u>Number</u>	<u>Description</u>
4.1	Memorandum and Articles of Association of Trinseo PLC (incorporated by reference to Annex B of our definitive proxy statement on Schedule 14A filed on April 27, 2021)
4.2	Trinseo PLC Amended and Restated 2014 Omnibus Incentive Plan
5.1	Opinion of McCann FitzGerald
23.1	Consent of McCann FitzGerald (included in Exhibit 5.1)
23.2	Consent of PricewaterhouseCoopers LLP
23.3	Consent of Deloitte & Touche LLP
24.1	Powers of Attorney (included in signature page)

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Berwyn, Commonwealth of Pennsylvania on this 8th day of October 2021.

TRINSEO PLC

By: /s/ Frank A. Bozich

Name: Frank A. Bozich

Title: President and Chief Executive Officer

POWER OF ATTORNEY

Each officer and director of Trinseo PLC, whose signature appears below constitutes and appoints Frank A. Bozich and David Stasse, and each of them singly, his true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution in each of them singly, for him and in his name, place and stead, and in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement on Form S-8 of Trinseo PLC, and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting to the attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite or necessary to be done in or about the premises, as full to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that the attorneys-in-fact and agents or any of each of them or their substitutes may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<hr/> <u>/s/ Frank A. Bozich</u> Frank A. Bozich	Director, President and Chief Executive Officer (Principal Executive Officer)	October 8, 2021
<hr/> <u>/s/ David Stasse</u> David Stasse	Executive Vice President and Chief Financial Officer (Principal Financial Officer)	October 8, 2021
<hr/> <u>/s/ Bernard Skeete</u> Bernard Skeete	Vice President, Global Controller & PAO (Principal Accounting Officer)	October 8, 2021
<hr/> <u>/s/ K'Lynne Johnson</u> K'Lynne Johnson	Director	October 8, 2021
<hr/> <u>/s/ Joseph Alvarado</u> Joseph Alvarado	Director	October 8, 2021
<hr/> <u>/s/ Victoria Brifo</u> Victoria Brifo	Director	October 8, 2021
<hr/> <u>/s/ Jeffrey J. Cote</u> Jeffrey J. Cote	Director	October 8, 2021
<hr/> <u>/s/ Pierre-Marie De Leener</u> Pierre-Marie De Leener	Director	October 8, 2021
<hr/> <u>/s/ Jeanmarie Desmond</u> Jeanmarie Desmond	Director	October 8, 2021
<hr/> <u>/s/ Matthew Farrell</u> Matthew Farrell	Director	October 8, 2021
<hr/> <u>/s/ Sandra Beach Lin</u> Sandra Beach Lin	Director	October 8, 2021
<hr/> <u>/s/ Philip R. Martens</u> Philip R. Martens	Director	October 8, 2021
<hr/> <u>/s/ Donald T. Misheff</u> Donald T. Misheff	Director	October 8, 2021
<hr/> <u>/s/ Henri Steinmetz</u> Henri Steinmetz	Director	October 8, 2021
<hr/> <u>/s/ Mark Tomkins</u> Mark Tomkins	Director	October 8, 2021

**TRINSEO PLC
AMENDED AND RESTATED
2014 OMNIBUS INCENTIVE PLAN**

**(As Assumed, Amended and Restated
as of October 8, 2021)**

WHEREAS:

A. On May 30, 2014, Trinseo S.A., a public limited company (*société anonyme*) incorporated under the laws of Luxembourg adopted the Trinseo S.A. 2014 Omnibus Incentive Plan (as so adopted and amended, from time to time, in respect of periods prior to the Effective Time (as defined below), the “Original Plan”).

B. On October 8, 2021, the re-domiciliation of Trinseo S.A. from Luxembourg to Ireland pursuant to a merger by acquisition under the European Communities (Cross-Border Mergers) Regulations 2008 of Ireland (SI 157/2008), as amended, and the Luxembourg law of 10 August 2015, as amended, was completed (the “Merger”). Pursuant to the Merger: (i) Trinseo PLC, a public limited company incorporated under the laws of Ireland, by operation of law and universal succession of title, became entitled to the assets of Trinseo S.A. and assumed the liabilities of Trinseo S.A. from the effective time of the Merger (the “Effective Time”); (ii) ordinary shares of \$0.01 each (nominal value) were allotted and issued by the Trinseo PLC to the shareholders of Trinseo S.A. (other than Trinseo S.A. as holder of shares in itself), on a one-for-one basis, at the Effective Time as consideration for the transfer of the assets and liabilities of Trinseo S.A.; and (iii) Trinseo S.A. ceased to exist following completion of the Merger.

C. In connection with the Merger, among other matters, at the Effective Time, the Original Plan and all awards then outstanding under the Original Plan were assumed by Trinseo PLC and the Original Plan was amended and restated on the terms set out herein and renamed the Trinseo PLC Amended And Restated 2014 Omnibus Incentive Plan (the Original Plan as so assumed, amended and restated at the Effective Time and as may, from time to time, be amended in respect of periods following the Effective Time, the “Plan”).

D. Save as otherwise expressly provided herein, the Plan shall apply to all awards granted prior to or following the Effective Time.

1. DEFINED TERMS

Exhibit A, which is incorporated by reference, defines the terms used in the Plan and sets forth certain operational rules related to those terms.

2. PURPOSE

The Plan has been established to advance the interests of the Company by providing for the grant to Participants of Stock-based Awards.

3. ADMINISTRATION

The Administrator has discretionary authority, subject only to the express provisions of the Plan, to interpret the Plan; determine eligibility for and grant Awards; determine, modify or waive the terms and conditions of any Award; determine the form of settlement of Awards (whether in cash, shares of Stock or other property); prescribe forms, rules and procedures relating to the Plan; and otherwise do all things necessary or appropriate to carry out the purposes of the Plan. Determinations of the Administrator made under the Plan will be conclusive and will bind all parties.

4. LIMITS ON AWARDS UNDER THE PLAN

(a) **Number of Shares.** The maximum number of shares of Stock that may be delivered in satisfaction of Awards under the Plan is 6,000,000 shares. Up to the total number of shares available for Awards to employee Participants may be issued in satisfaction of ISOs, but nothing in this Section 4(a) will be construed as requiring that any, or any fixed number of, ISOs be awarded under the Plan. The limits set forth in this Section 4(a) shall be construed to comply with Section 422 of the Code. For purposes of this Section 4(a), the shares of Stock withheld by the Company in payment of the exercise price or purchase price (including any nominal value payable in respect of an Award provided always that such nominal value must be paid by the Participant or some other person permitted to do so by Irish law as provided for in Section 6(a)(9)) of the Award, in satisfaction of tax withholding requirements with respect to the Award, or purchased by the Company using proceeds from Awards are prohibited from being returned back to the Plan's share reserve for future issuance. The gross number of SAR awards granted under the Plan, as opposed to the net number of shares actually delivered under the SAR Award, will be deducted from the number of shares remaining available for issuance pursuant to the Awards granted under the Plan. For the avoidance of doubt, any shares of Stock underlying Awards settled in cash or that otherwise expire or become unexercisable without having been exercised or that are forfeited to or repurchased or redeemed by the Company due to the failure to vest may be returned to the Plan for future issuance. To the extent consistent with the requirements of Section 422 and the regulations thereunder, and with other applicable legal requirements (including applicable stock exchange requirements), Stock issued under awards of an acquired company that are converted, replaced or adjusted in connection with the acquisition shall not reduce the number of shares of Stock available for Awards under the Plan.

(b) **Type of Shares.** Stock delivered by the Company under the Plan may be newly issued Stock or treasury Stock acquired by the Company. No fractional shares of Stock will be delivered under the Plan.

(c) **Individual Limits.** The following additional limits will apply to Awards of the specified type granted, or in the case of Cash Awards, payable to any person in any calendar year:

- (1) Stock Options: 900,000 shares of Stock.
- (2) SARs: 900,000 shares of Stock.
- (3) Awards other than Stock Options, SARs or Cash Awards: 450,000 shares of Stock.
- (4) Cash Awards: \$5,000,000.

In applying the foregoing limits, (i) all Awards of the specified type granted to the same person in the same calendar year will be aggregated and made subject to one limit; (ii) the limits applicable to Stock Options and SARs refer to the number of shares of Stock subject to those Awards; (iii) the share limit under clause (3) refers to the maximum number of shares of Stock that may be delivered, or the value of which could be paid in cash or other property, under an Award or Awards of the type specified in clause (3) assuming a maximum payout; and (iv) the dollar limit under clause (4) refers to the maximum dollar amount payable under an Award or Awards of the type specified in clause (4) assuming a maximum payout. The foregoing provisions will be construed in a manner consistent with Section 162(m), including, without limitation, where applicable, the rules under Section 162(m) pertaining to permissible deferrals of exempt awards.

5. ELIGIBILITY AND PARTICIPATION

The Administrator will select Participants from among key Employees and Directors of, and consultants and advisors to, the Company and its Affiliates who are in a position to contribute significantly to the success of the Company and its Affiliates. Eligibility for ISOs is limited to individuals described in the first sentence of this Section 5 who are employees of the Company or of a “parent corporation” or “subsidiary corporation” of the Company as those terms are defined in Section 424 of the Code. Eligibility for Stock Options other than ISOs is limited to individuals described in the first sentence of this Section 5 who are providing direct services on the date of grant of the Stock Option to the Company or to a subsidiary of the Company that would be described in the first sentence of Treas. Regs. §1.409A-1(b)(5)(iii)(E).

6. RULES APPLICABLE TO AWARDS

(a) All Awards.

(1) **Award Provisions.** The Administrator will determine the terms of all Awards, subject to the limitations provided herein. By accepting (or, under such rules as the Administrator may prescribe, being deemed to have accepted) an Award, the Participant will be deemed to have agreed to the terms of the Award and the Plan. Notwithstanding any provision of this Plan to the contrary, awards of an acquired company that are converted, replaced or adjusted in connection with the acquisition may contain terms and conditions that are inconsistent with the terms and conditions specified herein, as determined by the Administrator.

(2) **Term of Plan.** No Awards may be made after ten years from the Date of Adoption, but previously granted Awards may continue beyond that date in accordance with their terms.

(3) **Transferability.** Neither ISOs nor, except as the Administrator otherwise expressly provides in accordance with the third sentence of this Section 6(a)(3), other Awards may be transferred other than by will or by the laws of descent and distribution. During a Participant’s lifetime, ISOs (and, except as the Administrator otherwise expressly provides in accordance with the third sentence of this Section 6(a)(3), SARs and NSOs) may be exercised only by the Participant. The Administrator may permit the gratuitous transfer (*i.e.*, transfer not for value) of Awards other than ISOs, subject to such limitations as the Administrator may impose.

(4) **Vesting, etc.** The Administrator will determine the time or times at which an Award will vest or become exercisable and the terms on which a Stock Option or SAR will remain exercisable. Except in the event of the Participant’s death or disability or a five percent (5%) carve-out of the number of shares of Stock that may be delivered in satisfaction of Awards under the Plan (as defined in Section 4(a)), all Awards will only vest or become exercisable after a minimum of twelve months from the grant date. Without limiting the foregoing, the Administrator may at any time accelerate the vesting or exercisability of an Award, regardless of any adverse or potentially adverse tax or other consequences resulting from such acceleration. Unless the Administrator expressly provides otherwise, however, the following rules will apply if a Participant’s Employment ceases:

(A) Immediately upon the cessation of the Participant's Employment and except as provided in (B) and (C) below, each Stock Option and SAR that is then held by the Participant or by the Participant's permitted transferees, if any, will cease to be exercisable and will terminate and all other Awards that are then held by the Participant or by the Participant's permitted transferees, if any, to the extent not already vested will be forfeited.

(B) Subject to (C) and (D) below, all Stock Options and SARs held by the Participant or the Participant's permitted transferees, if any, immediately prior to the cessation of the Participant's Employment, to the extent then exercisable, will remain exercisable for the lesser of (i) a period of three months or (ii) the period ending on the latest date on which such Stock Option or SAR could have been exercised without regard to this Section 6(a)(4), and will thereupon immediately terminate.

(C) All Stock Options and SARs held by a Participant or the Participant's permitted transferees, if any, immediately prior to the cessation of the Participant's Employment due to his or her death or by the Company due to his or her Permanent Disability, to the extent then exercisable, will remain exercisable for the lesser of (i) a period of twelve (12) months or (ii) the period ending on the latest date on which such Stock Option or SAR could have been exercised without regard to this Section 6(a)(4), and will thereupon immediately terminate.

(D) All Stock Options and SARs (whether or not exercisable) held by a Participant or the Participant's permitted transferees, if any, immediately prior to the cessation of the Participant's Employment will immediately terminate upon such cessation of Employment if the termination is for Cause or occurs in circumstances that in the sole determination of the Administrator would have constituted grounds for the Participant's Employment to be terminated for Cause.

(5) **Additional Restrictions.** The Administrator may cancel, rescind, withhold or otherwise limit or restrict any Award at any time if the Participant is not in compliance with all applicable provisions of the Award agreement and the Plan, or if the Participant breaches any agreement with the Company or its Affiliates with respect to non-competition, non-solicitation or confidentiality. Without limiting the generality of the foregoing, the Administrator may recover Awards made under the Plan and payments under or gain in respect of any Award in accordance with any applicable Company clawback or recoupment policy, as such policy may be amended and in effect from time to time, or as otherwise required by applicable law or applicable stock exchange listing standards, including, without limitation, Section 10D of the Securities Exchange Act of 1934, as amended.

(6) **Taxes.** The Company or any Affiliate shall have the authority and right to deduct or withhold or require a Participant to remit to the Company or any Affiliate, an amount sufficient to satisfy Tax-Related Items with respect to any taxable event concerning a Participant arising as a result of the Plan or to take such other action as may be necessary in the opinion of the Company or any Affiliate, as appropriate, to satisfy withholding obligations for the payment of Tax-Related Items, including but not limited to (i) withholding from the Participant's wages or other cash compensation; (ii) withholding from the proceeds for the sale of shares of Stock underlying the Award either through a voluntary sale or a mandatory sale arranged by the Company on the Participant's behalf; or (iii) in the Administrator's sole discretion and in satisfaction of the foregoing requirement withhold shares of Stock otherwise issuable under an Award (or allow the return of shares of Stock) having a fair market value equal to the sums required to be withheld. To avoid negative accounting treatment, the number of Shares which may be withheld with respect to the issuance, vesting, exercise or payment of any Award or which may be repurchased from the Participant of such Award in order to satisfy the Participant's Tax-Related Items liabilities with respect to the issuance, vesting, exercise or payment of the Award may be limited to the number of shares of Stock which have a fair market value on the date of withholding or repurchase equal to the aggregate amount of such liabilities based on the maximum applicable withholding rates. No Stock shall be delivered hereunder to any Participant or other person until the Participant or such other person has made arrangements acceptable to the Company for the satisfaction of the Tax-Related Items withholdings obligations with respect to any taxable event concerning the Participant or such other person arising as a result of the Plan in a manner consistent with Irish law.

(7) **Dividend Equivalents, Etc.** The Administrator may provide for the payment of amounts (on terms and subject to conditions established by the Administrator) in lieu of cash dividends or other cash distributions with respect to Stock subject to an Award whether or not the holder of such Award is otherwise entitled to share in the actual dividend or distribution in respect of such Award, except for Awards of Stock Options or SARs, for which such payments shall be prohibited. Any entitlement to dividend equivalents or similar entitlements will be established and administered either consistent with an exemption from, or in compliance with, the requirements of Section 409A. Dividends or dividend equivalent amounts payable in respect of Awards shall be subject to the identical time-based vesting and performance conditions as the underlying Award and cannot be paid unless and until all vesting and performance conditions of the underlying Award are met. Dividends or dividend equivalent amounts payable in respect of Awards that are subject to restrictions may be subject to such additional limits or restrictions as the Administrator may impose, consistent with the requirements of the Articles.

(8) **Rights Limited.** Nothing in the Plan will be construed as giving any person the right to continued employment or service with the Company or its Affiliates, or any rights as a stockholder except as to shares of Stock actually issued under the Plan. The loss of existing or potential profit in Awards will not constitute an element of damages in the event of a termination of Employment for any reason, even if the termination is in violation of an obligation of the Company or any Affiliate to the Participant.

(9) **Purchase Price.** At the time of the Award, the Administrator shall determine the price, if any, to be paid by the Participant for each share of Stock subject to the Award. The price to be paid by the Participant shall not be less than the nominal value of a share of Stock (or such higher amount required by applicable Irish law). The purchase price of shares of Stock acquired pursuant to the Award shall be paid or redeemed by a non-Irish incorporated Subsidiary on behalf of the Participant as designated by the Administrator or by the Participant through one or more of the following methods (a) in cash or (b) in any other form of legal consideration that may be acceptable to the Administrator in its discretion and in compliance with applicable Irish law.

(10) **Coordination with Other Plans.** Awards under the Plan may be granted in tandem with, or in satisfaction of or substitution for, other Awards under the Plan or awards made under other compensatory plans or programs of the Company or its Affiliates. For example, but without limiting the generality of the foregoing, awards under other compensatory plans or programs of the Company or its Affiliates may be settled in Stock (including, without limitation, Unrestricted Stock) if the Administrator so determines, in which case the shares delivered will be treated as awarded under the Plan (and will reduce the number of shares thereafter available under the Plan in accordance with the rules set forth in Section 4). In any case where an award is made under another plan or program of the Company or its Affiliates and such award is intended to qualify for the performance-based compensation exception under Section 162(m), and such award is settled by the delivery of Stock or another Award under the Plan, the applicable Section 162(m) limitations under both the other plan or program and under the Plan will be applied to the Plan as necessary (as determined by the Administrator) to preserve the availability of the Section 162(m) performance-based compensation exception with respect thereto.

(11) **Section 162(m)**. In the case of any Performance Award (other than a Stock Option or SAR) intended to qualify for the performance-based compensation exception under Section 162(m), the Administrator will establish the applicable Performance Criterion or Criteria in writing no later than ninety (90) days after the commencement of the period of service to which the performance relates (or at such earlier time as is required to qualify the Award as performance-based under Section 162(m)) and, prior to the event or occurrence (grant, vesting or payment, as the case may be) that is conditioned on the attainment of such Performance Criterion or Criteria, will certify whether it or they have been attained. The preceding sentence will not apply to an Award eligible (as determined by the Administrator) for exemption from the limitations of Section 162(m) by reason of the post-initial public offering transition relief in Section 1.162-27(f) of the Treasury Regulations.

(12) **Section 409A**. Each Award will contain such terms as the Administrator determines, and will be construed and administered, such that the Award either qualifies for an exemption from the requirements of Section 409A or satisfies such requirements.

(13) **Fair Market Value**. In determining the fair market value of any share of Stock under the Plan, the Administrator will make the determination in good faith, and consistent with the rules of Section 422 and Section 409A when applicable.

(b) **Stock Options and SARs**.

(1) **Time And Manner Of Exercise**. Unless the Administrator expressly provides otherwise, no Stock Option or SAR will be deemed to have been exercised until the Administrator receives a notice of exercise (in form acceptable to the Administrator), which may be an electronic notice, signed (including electronic signature in form acceptable to the Administrator) by the appropriate person and accompanied by any payment required under the Award. A Stock Option or SAR exercised by any person other than the Participant will not be deemed to have been exercised until the Administrator has received such evidence as it may require that the person exercising the Award has the right to do so. The Administrator may impose conditions on the exercisability of Awards, including limitations on the time periods during which Awards may be exercised or settled.

(2) **Exercise Price**. The exercise price (or the base value from which appreciation is to be measured) of each Award requiring exercise will be no less than the higher of (a) the nominal value of the Stock subject to the Award and (b) 100% (or in the case of an ISO granted to a ten-percent shareholder within the meaning of subsection (b)(6) of Section 422, 110%) of the fair market value of the Stock subject to the Award, determined as of the date of grant, or such higher amount as the Administrator may determine in connection with the grant. Except in connection with a corporate transaction involving the Company (which term shall include, without limitation, any stock dividend, stock split, extraordinary cash dividend, recapitalization, reorganization, merger, consolidation, split-up, spin-off, combination, or exchange of shares) or as otherwise contemplated by Section 7 of the Plan, the terms of outstanding Stock Options or SARs, or any substitution of such Awards under Section 6(a)(10), as applicable, may not be amended to reduce the exercise prices of such Stock Options or the base values from which appreciation under such SARs are to be measured other than in accordance with the stockholder approval requirements of the New York Stock Exchange. Unless otherwise submitted to and approved by the Company's shareholders, any substitution or buyout of Stock Options or SARs for cash, as applicable, shall be prohibited when the exercise price for such Stock Option is below the current fair market value or when the base value from which appreciation under such SARs are to be measured is below the current fair market value.

(3) **Payment Of Exercise Price.** Where the exercise of an Award is to be accompanied by payment, payment of the exercise price will be by cash or check acceptable to the Administrator or by such other legally permissible means, if any, as may be acceptable to the Administrator.

(4) **Maximum Term.** Stock Options and SARs will have a maximum term not to exceed ten (10) years from the date of grant (or five (5) years from the date of grant in the case of an ISO granted to a ten-percent shareholder described in Section 6(b)(2) above); provided, however, that, if a Participant still holding an outstanding but unexercised NSO or SAR ten (10) years from the date of grant (or, in the case of an NSO or SAR with a maximum term of less than ten (10) years, such maximum term) is prohibited by applicable law or a written policy of the Company applicable to similarly situated employees from engaging in any open-market sales of Stock, and if at such time the Stock is publicly traded (as determined by the Administrator), the maximum term of such Award will instead be deemed to expire on the thirtieth (30th) day following the date the Participant is no longer prohibited from engaging in such open market sales.

7. EFFECT OF CERTAIN TRANSACTIONS

(a) **Mergers, etc.** Except as otherwise provided in an Award agreement, the following provisions will apply in the event of a Covered Transaction:

(1) **Assumption or Substitution.** If the Covered Transaction is one in which there is an acquiring or surviving entity, the Administrator may (but, for the avoidance of doubt, need not) provide (i) for the assumption or continuation of some or all outstanding Awards or any portion thereof or (ii) for the grant of new awards in substitution therefor by the acquiror or survivor or an affiliate of the acquiror or survivor.

(2) **Cash-Out of Awards.** Subject to Section 7(a)(5) below the Administrator may (but, for the avoidance of doubt, need not) provide for payment (a “cash-out”), with respect to some or all Awards or any portion thereof, equal in the case of each affected Award or portion thereof to the excess, if any, of (A) the fair market value of one share of Stock (as determined by the Administrator in its reasonable discretion) times the number of shares of Stock subject to the Award or such portion, over (B) the aggregate exercise or purchase price, if any, under the Award or such portion (in the case of an SAR, the aggregate base value above which appreciation is measured), in each case on such payment terms (which need not be the same as the terms of payment to holders of Stock) and other terms, and subject to such conditions, as the Administrator determines; it being understood that if the exercise or purchase price (or base value) of an Award is equal to or greater than the fair market value of one share of Stock, the Award may be cancelled with no payment due hereunder.

(3) **Acceleration of Certain Awards.** Subject to Section 7(a)(5) below, the Administrator may (but, for the avoidance of doubt, need not) provide that any Award requiring exercise will become exercisable, in full or in part and/or that the delivery of any shares of Stock remaining deliverable under any outstanding Award of Stock Units (including Restricted Stock Units and Performance Awards to the extent consisting of Stock Units) will be accelerated in full or in part, in each case on a basis that gives the holder of the Award a reasonable opportunity, as determined by the Administrator, following exercise of the Award or the delivery of the shares, as the case may be, to participate as a stockholder in the Covered Transaction.

(4) **Termination of Awards Upon Consummation of Covered Transaction.** Except as the Administrator may otherwise determine in any case, each Award will automatically terminate (and in the case of outstanding shares of Restricted Stock, will automatically be forfeited) upon consummation of the Covered Transaction, other than Awards assumed pursuant to Section 7(a)(1) above.

(5) **Additional Limitations.** Any share of Stock and any cash or other property delivered pursuant to Section 7(a)(2) or Section 7(a)(3) above with respect to an Award may, in the discretion of the Administrator, contain such restrictions, if any, as the Administrator deems appropriate to reflect any performance or other vesting conditions to which the Award was subject and that did not lapse (and were not satisfied) in connection with the Covered Transaction. For purposes of the immediately preceding sentence, a cash-out under Section 7(a)(2) above or acceleration under Section 7(a)(3) above will not, in and of itself, be treated as the lapsing (or satisfaction) of a performance or other vesting condition. In the case of Restricted Stock that does not vest and is not forfeited in connection with the Covered Transaction, the Administrator may require that any amounts delivered, exchanged or otherwise paid in respect of such Stock in connection with the Covered Transaction be placed in escrow or otherwise made subject to such restrictions as the Administrator deems appropriate to carry out the intent of the Plan.

(b) **Changes in and Distributions With Respect to Stock.**

(1) **Basic Adjustment Provisions.** In the event of a stock dividend, stock split or combination of shares (including a reverse stock split), recapitalization or other change in the Company's capital structure that constitutes an equity restructuring within the meaning of FASB ASC 718, the Administrator will make appropriate adjustments to the maximum number of shares of Stock that may be delivered under the Plan, to the maximum number of shares of Stock that may be delivered in satisfaction of ISOs under the Plan, and to the maximum share limits described in Section 4(c) and will also make appropriate adjustments to the number and kind of shares of stock or securities subject to Awards then outstanding or subsequently granted, any exercise or purchase prices (or base values) relating to Awards and any other provision of Awards affected by such change.

(2) **Certain Other Adjustments.** The Administrator may also make adjustments of the type described in Section 7(b)(1) above to take into account distributions to stockholders other than those provided for in Section 7(a) and 7(b)(1), or any other event, if the Administrator determines that adjustments are appropriate to avoid distortion in the operation of the Plan, having due regard for the qualification of ISOs under Section 422, the requirements of Section 409A, and for the performance-based compensation rules of Section 162(m) where applicable.

(3) **Continuing Application of Plan Terms.** References in the Plan to shares of Stock will be construed to include any stock or securities resulting from an adjustment pursuant to this Section 7.

8. LEGAL CONDITIONS ON DELIVERY OF STOCK

The Company will not be obligated to deliver any shares of Stock pursuant to the Plan or to remove any restriction from shares of Stock previously delivered under the Plan until: (i) the Company is satisfied that all legal matters in connection with the issuance and delivery of such shares have been addressed and resolved; (ii) if the outstanding Stock is at the time of delivery listed on any stock exchange or national market system, the shares to be delivered have been listed or authorized to be listed on such exchange or system upon official notice of issuance; and (iii) all conditions of the Award have been satisfied or waived. The Company may require, as a condition to exercise of the Award, such representations or agreements as counsel for the Company may consider appropriate to avoid violation of the Securities Act of 1933, as amended, or any applicable state or non-U.S. securities law. Any Stock required to be issued to Participants under the Plan will be evidenced in such manner as the Administrator may deem appropriate, including book-entry registration or delivery of stock certificates. In the event that the Administrator determines that Stock certificates will be issued to Participants under the Plan, the Administrator may require that certificates evidencing Stock issued under the Plan bear an appropriate legend reflecting any restriction on transfer applicable to such Stock, and the Company may hold the certificates pending lapse of the applicable restrictions.

9. AMENDMENT AND TERMINATION

The Administrator may at any time or times amend the Plan or any outstanding Award for any purpose which may at the time be permitted by law, and may at any time terminate the Plan as to any future grants of Awards; provided, that, except as otherwise expressly provided in the Plan, the Administrator may not, without the Participant's consent, alter the terms of an Award so as to affect materially and adversely the Participant's rights under the Award, unless the Administrator expressly reserved the right to do so at the time the Award was granted. Any amendments to the Plan will be conditioned upon stockholder approval only to the extent, if any, such approval is required by law (including the Code and applicable stock exchange requirements), as determined by the Administrator.

10. OTHER COMPENSATION ARRANGEMENTS

The existence of the Plan or the grant of any Award will not in any way affect the Company's right to award a person bonuses or other compensation in addition to Awards under the Plan.

11. MISCELLANEOUS

(a) **Waiver of Jury Trial.** By accepting an Award under the Plan, each Participant waives any right to a trial by jury in any action, proceeding or counterclaim concerning any rights under the Plan and any Award, or under any amendment, waiver, consent, instrument, document or other agreement delivered or which in the future may be delivered in connection therewith, and agrees that any such action, proceedings or counterclaim will be tried before a court and not before a jury. By accepting an Award under the Plan, each Participant certifies that no officer, representative, or attorney of the Company has represented, expressly or otherwise, that the Company would not, in the event of any action, proceeding or counterclaim, seek to enforce the foregoing waivers. Notwithstanding anything to the contrary in the Plan, nothing herein is to be construed as limiting the ability of the Company and a Participant to agree to submit disputes arising under the terms of the Plan or any Award made hereunder to binding arbitration or as limiting the ability of the Company to require any eligible individual to agree to submit such disputes to binding arbitration as a condition of receiving an Award hereunder.

(b) **Limitation of Liability.** Notwithstanding anything to the contrary in the Plan, neither the Company, nor any Affiliate, nor the Administrator, nor any person acting on behalf of the Company, any Affiliate, or the Administrator, will be liable to any Participant or to the estate or beneficiary of any Participant or to any other holder of an Award by reason of any acceleration of income, or any additional tax (including any interest and penalties), asserted by reason of the failure of an Award to satisfy the requirements of Section 422 or Section 409A or by reason of Section 4999 of the Code, or otherwise asserted with respect to the Award.

12. MISCELLANEOUS ESTABLISHMENT OF SUB-PLANS

The Administrator may from time to time establish one or more sub-plans under the Plan for purposes of satisfying applicable securities, or other regulatory or tax laws of various jurisdictions. The Administrator will establish such sub-plans by adopting supplements to the Plan setting forth (i) such limitations on the Administrator's discretion under the Plan as it deems necessary or desirable and (ii) such additional terms and conditions not otherwise inconsistent with the Plan as it deems necessary or desirable. All supplements so established will be deemed to be part of the Plan, but each supplement will apply only to Participants within the affected jurisdiction (as determined by the Administrator).

13. GOVERNING LAW

(a) **Certain Requirements of Corporate Law.** Awards will be granted and administered consistent with the requirements of applicable law of Ireland relating to the issuance of stock and the consideration to be received therefor, and with the applicable requirements of the stock exchanges or other trading systems on which the Stock is listed or entered for trading, in each case as determined by the Administrator.

(b) **Other Matters.** Except as otherwise provided by the express terms of an Award agreement, under a sub-plan described in Section 12 or as provided in Section 13(a) above, the provisions of the Plan and of Awards under the Plan and all claims or disputes arising out of or based upon the Plan or any Award under the Plan or relating to the subject matter hereof or thereof will be governed by and construed in accordance with the domestic substantive laws of the State of Pennsylvania without giving effect to any choice or conflict of laws provision or rule that would cause the application of the domestic substantive laws of any other jurisdiction.

(c) **Jurisdiction.** By accepting an Award, each Participant will be deemed to (a) have submitted irrevocably and unconditionally to the jurisdiction of the federal and state courts located within the geographic boundaries of the United States District Court for the District of Pennsylvania for the purpose of any suit, action or other proceeding arising out of or based upon the Plan or any Award; (b) agree not to commence any suit, action or other proceeding arising out of or based upon the Plan or an Award, except in the federal and state courts located within the geographic boundaries of the United States District Court for the District of Pennsylvania; and (c) waive, and agree not to assert, by way of motion as a defense or otherwise, in any such suit, action or proceeding, any claim that it is not subject personally to the jurisdiction of the above-named courts that its property is exempt or immune from attachment or execution, that the suit, action or proceeding is brought in an inconvenient forum, that the venue of the suit, action or proceeding is improper or that the Plan or an Award or the subject matter thereof may not be enforced in or by such court.

EXHIBIT A

Definition of Terms

The following terms, when used in the Plan, will have the meanings and be subject to the provisions set forth below:

“Administrator”: The Compensation Committee, except that the Compensation Committee may delegate (i) to one or more of its members (or one or more other members of the Board (including the full Board)) such of its duties, powers and responsibilities as it may determine; (ii) to one or more officers of the Company the power to grant Awards to the extent permitted by applicable law; and (iii) to such Employees or other persons as it determines such ministerial tasks as it deems appropriate. In the event of any delegation described in the preceding sentence, the term “Administrator” will include the person or persons so delegated to the extent of such delegation.

“Affiliate”: Any corporation or other entity that stands in a relationship to the Company that would result in the Company and such corporation or other entity being treated as one employer under Section 414(b) and Section 414(c) of the Code, *provided* that, for purposes of determining treatment as a single employer under Section 414(b) and Section 414(c) of the Code, “50%” shall replace “80%” in the applicable stock ownership requirements under such sections of the Code and the regulations thereunder.

“Articles”: The articles of association of the Company.

“Award”: Any or a combination of the following:

- (i) Stock Options.
- (ii) SARs.
- (iii) Restricted Stock.
- (iv) Unrestricted Stock.
- (v) Stock Units, including Restricted Stock Units.
- (vi) Performance Awards.
- (vii) Cash Awards.
- (viii) Awards (other than Awards described in (i) through (vii) above) that are convertible into or otherwise based on Stock.

“Board”: The Board of Directors of the Company.

“Cash Award”: An Award denominated in cash.

“Cause”: In the case of any Participant who is party to an employment or severance-benefit agreement that contains a definition of “Cause,” the definition set forth in such agreement will apply with respect to such Participant under the Plan for so long as such agreement is in effect. In the case of any other Participant, “Cause” will mean, as determined by the Administrator in its reasonable judgment, (i) a substantial failure of the Participant to perform the Participant’s duties and responsibilities to the Company or subsidiaries or substantial negligence in the performance of such duties and responsibilities; (ii) the commission by the Participant of a felony or a crime involving moral turpitude; (iii) the commission by the Participant of theft, fraud, embezzlement, material breach of trust or any material act of dishonesty involving the Company or any of its subsidiaries; (iv) a significant violation by the Participant of the code of conduct of the Company or its subsidiaries or of any material policy of the Company or its subsidiaries, or of any statutory or common law duty of loyalty to the Company or its subsidiaries; (v) material breach of any of the terms of the Plan or any Award made under the Plan, or of the terms of any other agreement between the Company or subsidiaries and the Participant; or (vi) other conduct by the Participant that could reasonably be expected to be harmful to the business, interests or reputation of the Company.

“Code”: The U.S. Internal Revenue Code of 1986 as from time to time amended and in effect, or any successor statute as from time to time in effect.

“Compensation Committee”: The Compensation Committee of the Board.

“Company”: Trinseo PLC, a company incorporated in Ireland or, where the context requires, with respect to periods prior to the Effective Time, Trinseo S.A.

“Covered Transaction”: Any of (i) a consolidation, merger, or similar transaction or series of related transactions, including a sale or other disposition of stock, in which the Company is not the surviving corporation or that results in the acquisition of all or substantially all of the Company’s then outstanding ordinary shares by a single person or entity or by a group of persons and/or entities acting in concert, (ii) a sale or transfer of all or substantially all the Company’s assets, or (iii) a dissolution or liquidation of the Company. Where a Covered Transaction involves a tender offer that is reasonably expected to be followed by a merger described in clause (i) (as determined by the Administrator), the Covered Transaction will be deemed to have occurred upon consummation of the tender offer.

“Date of Adoption”: The earlier of the dates (both prior to the Effective Time) that the Plan was approved by the Company’s shareholders or adopted by the Board, as determined by the Compensation Committee.

“Director”: A member of the Board.

“Employee”: Any person who is employed by the Company or an Affiliate.

“Employment”: A Participant’s employment or other service relationship with the Company and its Affiliates. Employment will be deemed to continue, unless the Administrator expressly provides otherwise, so long as the Participant is employed by, or otherwise is providing services in a capacity described in Section 5 to the Company or an Affiliate. If a Participant’s employment or other service relationship is with an Affiliate and that entity ceases to be an Affiliate, the Participant’s Employment will be deemed to have terminated when the entity ceases to be an Affiliate unless the Participant transfers Employment to the Company or its remaining Affiliates. Notwithstanding the foregoing and the definition of “Affiliate” above, in construing the provisions of any Award relating to the payment of “nonqualified deferred compensation” (subject to Section 409A) upon a termination or cessation of Employment, references to termination or cessation of employment, separation from service, retirement or similar or correlative terms will be construed to require a “separation from service” (as that term is defined in Section 1.409A-1(h) of the U.S. Treasury Regulations, after giving effect to the presumptions contained therein) from the Company and from all other corporations and trades or businesses, if any, that would be treated as a single “service recipient” with the Company under Section 1.409A-1(h)(3) of the U.S. Treasury Regulations. The Company may, but need not, elect in writing, subject to the applicable limitations under Section 409A, any of the special elective rules prescribed in Section 1.409A-1(h) of the U.S. Treasury Regulations for purposes of determining whether a “separation from service” has occurred. Any such written election will be deemed a part of the Plan.

“ISO”: A Stock Option intended to be an “incentive stock option” within the meaning of Section 422. Each Stock Option granted pursuant to the Plan will be treated as providing by its terms that it is to be an NSO unless, as of the date of grant, it is expressly designated as an ISO.

“NSO”: A Stock Option that is not intended to be an “incentive stock option” within the meaning of Section 422.

“Participant”: A person who is granted an Award under the Plan.

“Performance Award”: An Award subject to Performance Criteria. The Administrator in its discretion may grant Performance Awards that are intended to qualify for the performance-based compensation exception under Section 162(m) and Performance Awards that are not intended so to qualify.

“Performance Criteria”: Specified criteria, other than the mere continuation of Employment or the mere passage of time, the satisfaction of which is a condition for the grant, exercisability, vesting or full enjoyment of an Award. For purposes of Awards that are intended to qualify for the performance-based compensation exception under Section 162(m), a Performance Criterion will mean an objectively determinable measure or measures of performance relating to any or any combination of the following (measured either absolutely or by reference to an index or indices and determined either on a consolidated basis or, as the context permits, on a divisional, subsidiary, line of business, project or geographical basis or in combinations thereof): sales; revenues; assets; expenses; earnings before or after deduction for all or any portion of interest, taxes, depreciation, amortization or equity expense, whether or not on a continuing operations or an aggregate or per share basis; return on equity, investment, capital, capital employed or assets; one or more operating ratios; operating income or profit, including on an after-tax basis; net income; borrowing levels, leverage ratios or credit rating; market share; capital expenditures; cash flow; stock price; stockholder return; sales of particular products or services; customer acquisition or retention; acquisitions and divestitures (in whole or in part); joint ventures, strategic alliances, licenses or collaborations; spin-offs, split-ups and the like; reorganizations; recapitalizations, restructurings, financings (issuance of debt or equity) or refinancings; manufacturing or process development; or environmental health and/or safety metrics. A Performance Criterion and any targets with respect thereto determined by the Administrator need not be based upon an increase, a positive or improved result or avoidance of loss. To the extent consistent with the requirements for satisfying the performance-based compensation exception under Section 162(m), the Administrator may provide, by the deadline that otherwise applies to the establishment of the terms of any Award intended to qualify for such exception, that one or more of the Performance Criteria applicable to such Award will be adjusted in an objectively determinable manner to reflect events (for example, the impact of charges for restructurings, discontinued operations, mergers, acquisitions, extraordinary items, and other unusual or non-recurring items, and the cumulative effects of tax or accounting changes, each as defined by U.S. or international generally accepted accounting principles) occurring during the performance period that affect the applicable Performance Criterion or Criteria.

“Permanent Disability”: In the case of any Participant who is party to an employment or severance-benefit agreement that contains a definition of “Permanent Disability” (or similar term), the definition set forth in such agreement will apply with respect to such Participant under the Plan for so long as such agreement is in effect. In the case of any other Participant, “Permanent Disability” shall mean a disability that would entitle a Participant to long-term disability benefits under the Company’s long-term disability plan to which the Participant participates. Notwithstanding the foregoing, however, in the case of any Award that is subject to Section 409A and is payable upon a Participant’s Permanent Disability, the Participant shall be treated as having a Permanent Disability only if the Participant’s condition also satisfies the definition of “disability” in Treasury Regulation 1.409A-3(i)(4).

“Restricted Stock”: Stock subject to restrictions requiring that it be redelivered or offered for sale to the Company if specified conditions are not satisfied.

“Restricted Stock Unit”: A Stock Unit that is, or as to which the delivery of Stock or cash in lieu of Stock is, subject to the satisfaction of specified performance or other vesting conditions.

“SAR”: A right entitling the holder upon exercise to receive an amount (payable in cash or in shares of Stock of equivalent value) equal to the excess of the fair market value of the shares of Stock subject to the right over the base value from which appreciation under the SAR is to be measured.

“Section 162(m)”: Section 162(m) of the Code.

“Section 409A”: Section 409A of the Code.

“Section 422”: Section 422 of the Code.

“Stock”: Ordinary shares of the Company, nominal value \$0.01 per share and “stockholder” shall be interpreted accordingly where referring to holders of Stock in the Company.

“Stock Option”: An option entitling the holder to acquire shares of Stock upon payment of the exercise price.

“Stock Unit”: An unfunded and unsecured promise, denominated in shares of Stock, to deliver Stock or cash measured by the value of Stock in the future.

“Tax-Related Items” means (i) federal, state, and local taxes and taxes imposed by any jurisdiction (including but not limited to, income tax, social security or insurance contributions, payroll tax, fringe benefits tax, payment on account, employment tax obligations, stamp taxes, and any other taxes that may be due) required by law to be withheld and (ii) any employer tax liability shifted to a Participant.

“Unrestricted Stock”: Stock not subject to any restrictions under the terms of the Award.

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MCCANN FITZGERALD

OUR REF

YOUR REF

DATE

8 October 2021

Trinseo PLC
 Riverside One,
 Sir John Rogerson's Quay
 Dublin 2
 Ireland

Trinseo PLC (the "Company")

Dear Sirs

1. Basis of Opinion

- 1.1 We are acting as Irish counsel to the Company, a public limited company incorporated under the laws of Ireland under registered number 562693, in connection with the proposed registration by the Company, pursuant to a Registration Statement on Form S-8 (the "**Registration Statement**") to be filed by the Company with the United States Securities and Exchange Commission (the "**Commission**") on or around the date hereof under the Securities Act of 1933, as amended, of up to 6,000,000 ordinary shares, par value \$0.01 each (the "**Ordinary Shares**"), for issuance under the Trinseo PLC Amended and Restated 2014 Omnibus Incentive Plan (the "**Plan**").
- 1.2 This Opinion is confined to and given in all respects on the basis of the laws of Ireland in force as at the date hereof as currently applied by the courts of Ireland. It is also given on the basis that it is governed by and is to be construed in accordance with the laws of Ireland. We have made no investigations of and express no opinion as to the laws of any other jurisdiction or the effect thereof. This Opinion speaks only as of its date and we assume no obligation to notify you of any future changes in law, which may affect this Opinion in any respect.
- 1.3 This Opinion is strictly confined to the matters stated herein and is not to be read as extending by implication or otherwise to any other matter.

Barry Devereux (Managing Partner), Catherine Deane (Chair), Terence McCrann, Roderick Bourke, Niall Powderly, Kevin Kelly, Hilary Marren, Eamonn O'Hanrahan, Helen Kilroy, Judith Lawless, James Murphy, David Lydon, David Byers, Colm Fanning, Paul Lavery, Alan Fuller, Michelle Doyle, Hugh Beattie, Fergus Gillen, Valerie Lawlor, Mark White, Rosaleen Byrne, Eamon de Valera, Joe Fay, Ben Gaffikin, Donal O Raghallaigh, Karyn Hartly, Philip Andrews, Barrett Chapman, Mary Brassil, Audrey Byrne, Shane Fahy, Georgina O'Riordan, Adrian Farrell, Michael Murphy, Aidan Lawlor, Darragh Murphy, Brian Quigley, Conor O'Dwyer, Stephen FitzSimons, David Hurley, Philip Murphy, Fiona O'Beirne, Garreth O'Brien, Gary McSharry, Alan Heuston, Josh Hogan, Richard Leonard, Rory O'Malley, Lisa Smyth, Brendan Slatery, Tom Dane, Catherine Derrig, Megan Hooper, Shane Sweeney, Adam Finlay, Iain Ferguson, Jennifer Halpin, Stuart McCarron, Stephen Proctor, Michael Coonan, Stephen Holst, Emily Mac Nicholas, Brendan Murphy, Shane O'Brien, Éamon Ó Cuív, Eleanor Cunningham, Gill Lohan, Ciara Ryan, Niall Best, Richard Gill, Douglas McMahon, Laura Treacy, Laura Deignan, Stephen Fuller, Niall McDowell, John Neeson, David O'Dea, Orlaith Sheehy.

Consultants: Catherine Austin, Seán Barton, Ambrose Loughlin, Eleanor MacDonagh (fCA), Lonan McDowell, Anna Moran, Peter Osborne, Tony Spratt (fCA).

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1.4 In giving this Opinion, we have examined the documents and searches listed in the Schedule. We have also reviewed copies of such corporate records of the Company as we have deemed necessary as a basis for the opinions hereinafter expressed.

2. **Assumptions**

2.1 For the purpose of giving this Opinion, we have assumed the following (without any responsibility on our part if any assumption proves to have been untrue as we have not verified independently any assumption):

- (a) the truth, accuracy and completeness of the contents of such documents and searches reviewed by us and of any certificates of officers of the Company and/or of public officials reviewed by us;
- (b) the genuineness of all signatures, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents sent to or reviewed by us by email in pdf or other electronic format and the authenticity of the originals of such documents;
- (c) that the copies of minutes of meetings and/or of resolutions reviewed by us correctly record the proceedings at such meetings and the subject matter which they purport to record and that any meetings referred to in such copies were duly convened, duly quorate and held, that those present at any such meetings were entitled to attend and vote at the meeting and acted bona fide throughout and that no further resolutions have been passed or other action taken which would or might alter the effectiveness thereof;
- (d) that the memorandum and articles of association of the Company reviewed by us are the current memorandum and articles of association, are up to date and have not been amended or superseded;
- (e) the accuracy and completeness of the information disclosed in the searches referred to in the schedule and that such information has not since the time of such search or enquiry been altered. It should be noted that searches at the Companies Registration Office, Dublin – the central official registry for Irish-incorporated companies - do not necessarily reveal whether or not a resolution has been passed or a petition presented or any other action taken for the winding-up of or the appointment of a receiver or an examiner to a company;
- (f) that as of today's date and at each time Ordinary Shares are issued none of the resolutions and authorities of the shareholders or directors of the Company upon which we have relied nor the memorandum and articles of association of the Company have been varied, amended or revoked in any respect or have expired, and that the Ordinary Shares will be issued in accordance with such resolutions and authorities, the memorandum and articles of association of the Company and the terms of the Plan;
- (g) that at each time Ordinary Shares will be issued, the Company will then have sufficient authorised but unissued share capital to allow for the issue of such Ordinary Shares;

- (h) that the filing of the Registration Statement with the SEC has been authorised by all necessary actions under all applicable laws other than Irish law;
- (i) that the Registration Statement becomes and remains effective;
- (j) that the Company will receive consideration equal to the aggregate of the nominal value and any premium required to be paid up on the Ordinary Shares issued pursuant to awards under the Plan and that such consideration will be in cash and/or otherwise provided in accordance with Irish law;
- (k) where treasury shares are being re-issued, the maximum and minimum prices of re-issue shall have been determined in advance at a general meeting of the Company (or by written resolution passed in lieu thereof) in accordance with the requirements of section 1078 of the Companies Act;
- (l) that there are no facts or circumstances which are not apparent from the face of the documents listed in the Schedule, and no documents other than those referred to in this Opinion or other arrangements, that could affect the opinions expressed in this Opinion; and
- (m) that insofar as any obligation under the Plan is performed in, or is otherwise subject to, any jurisdiction other than Ireland, its performance will not be illegal or ineffective by virtue of the law of that jurisdiction.

3. **Opinion**

Subject to the foregoing we are of the opinion that, upon issuance in accordance with the Plan and the Registration Statement, the Ordinary Shares will be validly issued, fully paid and not subject to calls for any additional payments (“**non-assessable**”).

We hereby consent to the inclusion of this Opinion with the Commission as an exhibit to the Registration Statement and to the use of our name therein. In giving such consent, we do not admit that we are included in the category of persons whose consent is required under section 7 of the Securities Act, or the rules and regulations of the Commission promulgated thereunder.

Yours faithfully

/s/ McCann FitzGerald

McCann FitzGerald

Schedule

1. a copy of the Plan;
2. a certificate executed by a director of the Company dated 8 October 2021 and the documents attached thereto; and
3. the results of searches made by independent law searchers on our behalf against the Company on 8 October 2021 in the Irish Companies Registration Office and in the Petitions Section and Judgments Office of the Central Office of the Irish High Court in Dublin.

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of Trinseo PLC of our report dated February 22, 2021 relating to the financial statements, financial statement schedule, and the effectiveness of internal control over financial reporting, which appears in Trinseo S.A.'s Annual Report on Form 10-K for the year ended December 31, 2020.

/s/ PricewaterhouseCoopers LLP

Philadelphia, Pennsylvania

October 8, 2021



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CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in this Registration Statement No. 333-196973, No. 333-232925 and No. 333-240195 on Form S-8 of Trinseo PLC of our report dated February 11, 2021 relating to the financial statements of Americas Styrenics LLC appearing in the Annual Report on Form 10-K of Trinseo S.A. for the year ended December 31, 2020.

/s/ Deloitte & Touche LLP

Houston, TX

October 8, 2021
