UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

Form 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported): August 4, 2014

Materion Corporation

(Exact name of registrant as specified in its charter)

Ohio	001-15885	34-1919973
(State or other jurisdiction of incorporation)	(Commission File Number)	(I.R.S. Employer Identification No.)

6070 Parkland Blvd., Mayfield Hts., Ohio	44124
(Address of principal executive offices)	(Zip Code)

Registrant's telephone number, including area code: 216-486-4200

Not Applicable

Former name or former address, if changed since last report

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 7.01 Regulation FD Disclosure.

On August 4, 2014, Materion Corporation updated its website with a slide presentation that will be presented to investors. A copy of the presentation is attached hereto as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.

Exhibits.

Exhibit Number	Description of Exhibit
99.1	July 2014 Investor Presentation

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Materion Corporation

August 4, 2014

By: */s/ Michael C. Hasychak*
Michael C. Hasychak
Vice President, Treasurer and Secretary

Exhibit Index

Exhibit No.	Description
99.1	July 2014 Investor Presentation

Exhibit 99.1

MATERION

Investor Presentation

July 2014

Forward-looking Statements

These slides contain (and the accompanying oral discussion will contain) "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These statements involve known and unknown risks, uncertainties and other factors that could cause the actual results of the Company to differ materially from the results expressed or implied by these statements, including health issues, litigation and regulation relating to our business, our ability to achieve and/or maintain profitability, significant cyclical fluctuations in our customers' businesses, competitive substitutes for our products, risks associated with our international operations, including foreign currency rate fluctuations, energy costs and the availability and prices of raw materials, and other factors disclosed in periodic reports filed with the Securities and Exchange Commission. Consequently these forward-looking statements should be regarded as the Company's current plans, estimates and beliefs.

The Company does not undertake and specifically declines any obligation to publicly release the results of any revisions to these forward-looking statements that may be made to reflect any future events or circumstances after the date of such statements or to reflect the occurrence of anticipated or unanticipated events.

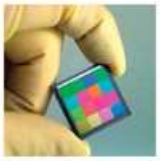
These slides include certain non-GAAP financial measures as defined by the rules and regulations of the Securities and Exchange Commission. A reconciliation of those measures to the most directly comparable GAAP equivalent is provided in the Appendix to this presentation as well as a glossary of non-GAAP definitions.

Materion: Who We Are

We are a global leader
in advanced material solutions and services
that enable our customers to excel in their markets
while making a material difference
in improving our world.





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WHAT WE DO

Materion: Mission Critical Advanced Materials

A Balanced Portfolio

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Why Invest in Materion?

1. Positive impact from 2013 initiatives
2. Strong positions in growing markets
   - High barrier to entry
3. Promising new product launches
4. Solid cash flow → organic growth, acquisitions, dividends, share buybacks
5. Strategy for sustained, profitable growth
   - Pathway for additional cost and working capital improvements

GOAL
NEXT 3 YEARS:

Sustained growth
>15% EPS CAGR

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Materion at a Glance

	2014(F)
Revenues	~ $1.2B
Value-added sales	~ $0.65B
Adjusted EPS(1)	$1.55 – $1.70
Market cap @ 6/30/14	~$760M
Debt-to-capitalization	9%
Operating Cash Flow	$50M – $60M
Dividend yield	~1%
EV / EBITDA	7.5

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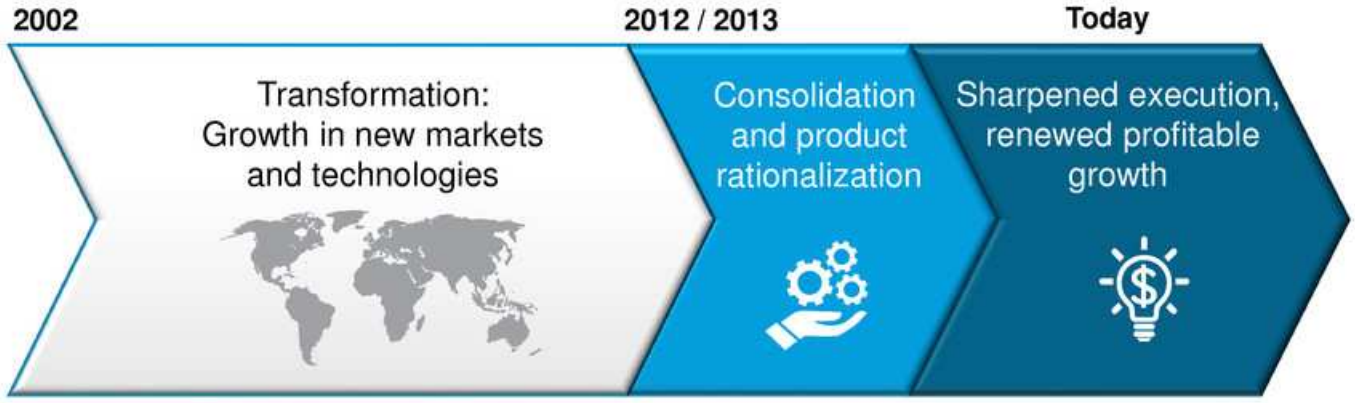
(1) Non-GAAP, excludes special items

2014: Entering a Phase of Renewed Profitable Growth



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Materion: The Transformation

Faster growth – Higher margins – Stronger balance sheet

GDP growth	→	Multiples of GDP
Limited markets	→	Broader market opportunities
Low margin	→	Higher margin
High infrastructure	→	Efficient infrastructure
High fixed and working capital	→	Lower capital intensity
Slow cash to cash cycle	→	Faster cash cycle

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ACTIONS IN 2012 and 2013

A Solid Foundation for the Future

Consolidations and product rationalizations

- Closed three facilities
- Consolidated four precious metals facilities into two
- Eliminated low margin product lines
- Realigned segment headquarters structure
- Consolidated three precision optics operations into two

Completed new plant

- New beryllium plant operating
  - end of start-up costs

Adds over $0.30 to EPS in 2014

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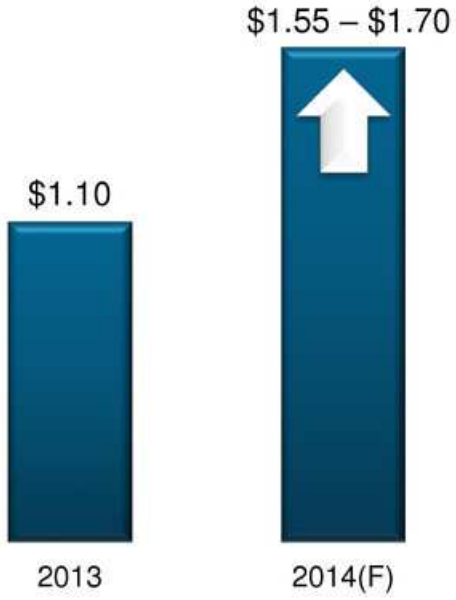
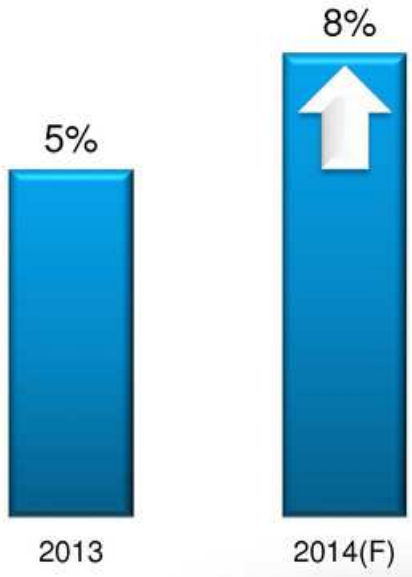
Clear Evidence Materion is on Track in 2014

Guidance – A Strong Year[1]
(Adjusted EPS)



Operating Margins Up Sharply[2]
(Op. Profit % of Value-added Sales)



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(1) Non-GAAP results exclude non-recurring costs in 2013 of $0.16 and non-recurring gains of $0.17 in 2014
(2) Excludes non-recurring items

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   - Pathway for additional cost and working capital improvements

GOAL
NEXT 3 YEARS:

Sustained growth in value-added sales of 5%-10% CAGR

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Secular Market Trends Play to our Strengths

Key Trends

- Miniaturization of electronics
- Additional electronic instruments for autos, aircraft
- Advancements in lighting (LED)
- Expanding high performance optical device opportunities
- Innovation in medical diagnostics
- Extraction of oil and gas from previously inaccessible locations
- New aircraft builds and retrofits

Characteristics of our Materials

- ☑ Conductivity
- ☑ Corrosion resistance
- ☑ Weight savings (lighter)
- ☑ Wavelength Management
- ☑ Heat resistance
- ☑ Lubricity
- ☑ Reliability
- ☑ Durability
- ☑ Miniaturization
- ☑ Strength

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Top Key Markets → 74% of Sales, All with Strong Tailwinds

Market	YTD Q2 2014 % of Value-added Sales	Macro Trends	Key Drivers
Consumer Electronics	28%	↑	• Smart device growth • Gesture control
Industrial Components	14%	↗	• Heavy equipment builds • Plastic tooling • Fire protection (R and C construction)
Medical	11%	↑	• Blood analysis test coating for medical diagnosis • Nuclear diagnostics equipment
Automotive Electronics	9%	↑	• Increasing global car production • Electronic systems and engine control
Energy	8%	↑	• Deep sea drilling and completion • Directional drilling • Solar, batteries & smart grid devices
Commercial Aerospace	4%	↑	• Boeing and Airbus new builds • Retrofits
Total	74%		

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Well-positioned with Leading Global Positions

Key Differentiated Products

	Product	Percent of Value-added Sales (2013)	Expected Annual Growth Next 3-5 Years
	Leading supplier of beryllium-containing products	~42%	↑↑
	Leading supplier of gold for semi-conductor fabrication	~20%	↑
	Leading supplier of high-end optical coatings	~11%	↑↑
	Only supplier of unique copper-nickel-tin materials, ToughMet®	~8%	↑↑
	Leading supplier of specialty coating test strips for medical diagnosis	~6%	↑↑

↑ Single digit growth ↑↑ Double digit growth

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A CLOSER LOOK

Evolving Potential from Beryllium Supply Shortage

Materion – leading position in beryllium market

- Only global integrated producer
  - over 75 years of proven reserves in Utah
  - supplies over 60% of world needs
- Over 40% of company sales include beryllium in some form

Signs of shortage ahead

- U.S. government stockpile down 50% since 2009
- Global sources depleting – no future congressional authorizations for stockpile sales

- Materion positioned to support world demand
- Significant incremental profit potential

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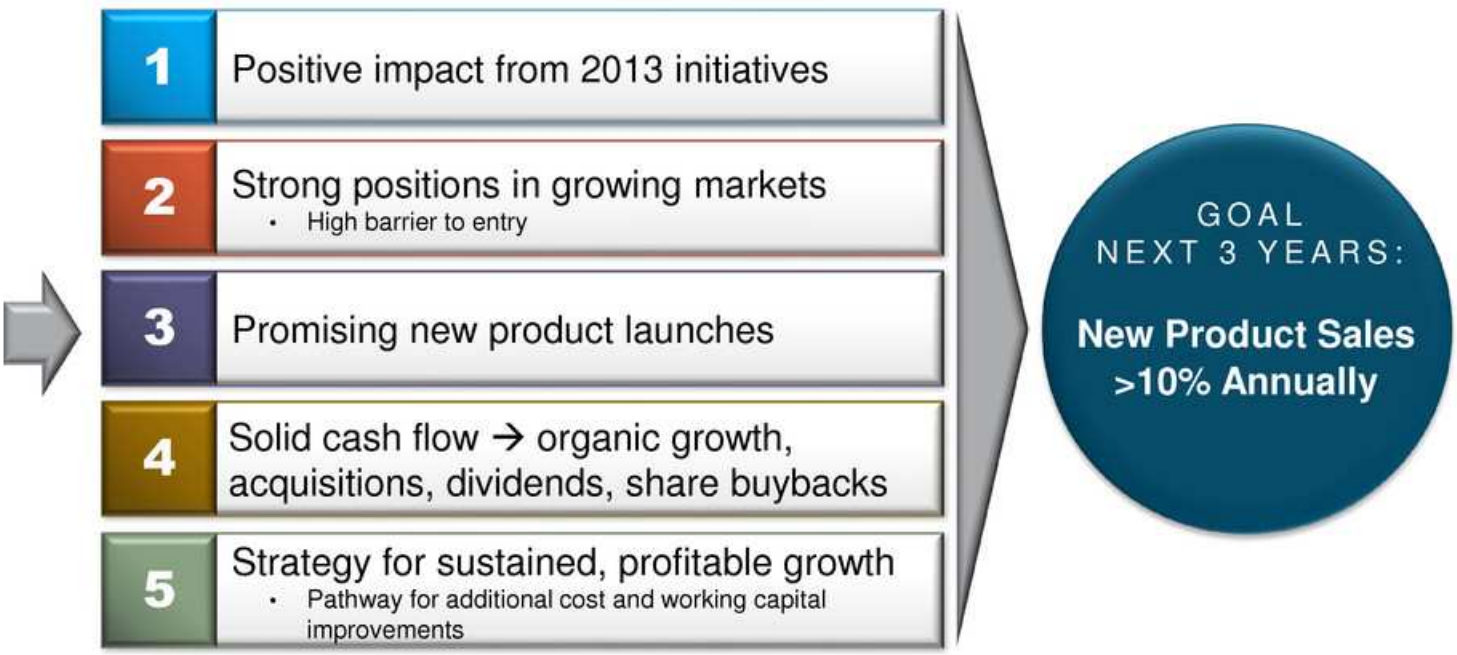
Why Invest in Materion?



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Wide Range of Strategic Investments…

New Wafer Coating Facility

New Optics Facility

Increased Capacity LED Phosphor

ToughMet® Capacity Expansion

Expanded Beryllium Hydroxide Capacity

Singapore Expansion

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… Driving Record Number of New Product Launches

Examples of New Products

Gesture Controls

LED Phosphorous

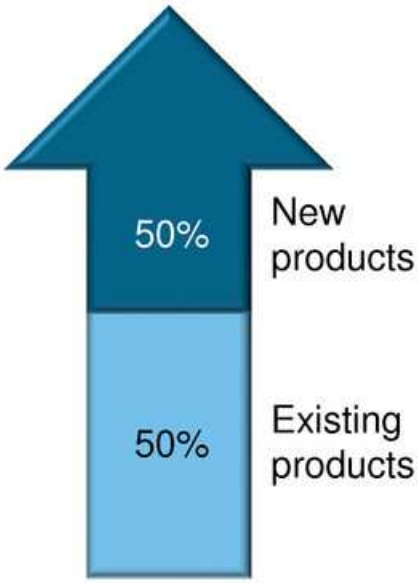
Wafer Level Processing

ToughMet® Oil & Gas

Bulk Metallic Glass (Liquidmetal)

Dovetail Connectors

Sales Growth



New products last 3 years ~$50M of 2013 sales – up 60% vs. 2012

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GOAL
NEXT 3 YEARS:

Operating cash flow >$50 million

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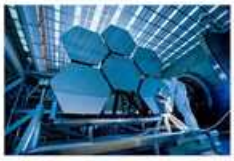
Strong Cash Flow and Balance Sheet

Cash Flow

2014(F) operating cash flow	$50M - $60M
Average annual cash flow last 5 years	~$50M

Balance Sheet
2014(F)

Total Capitalization



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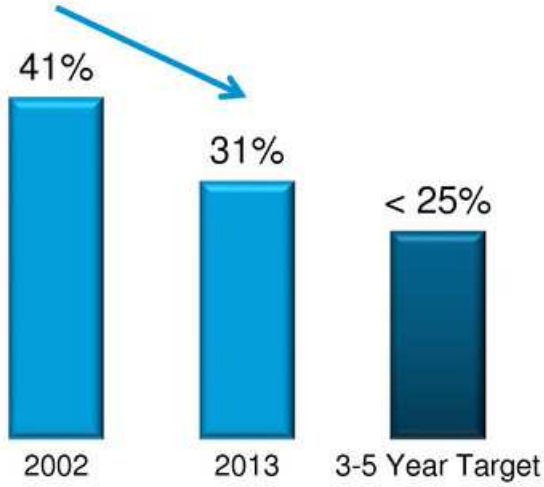
Continue to Improve Fixed and Working Capital Efficiency

Lean Sigma

- Cycle time reduction
- Yield improvement
- On-time shipments

Improve Working Capital Efficiency

Working capital % of sales



Each 5% reduction in working capital as a % of sales = $60M cash

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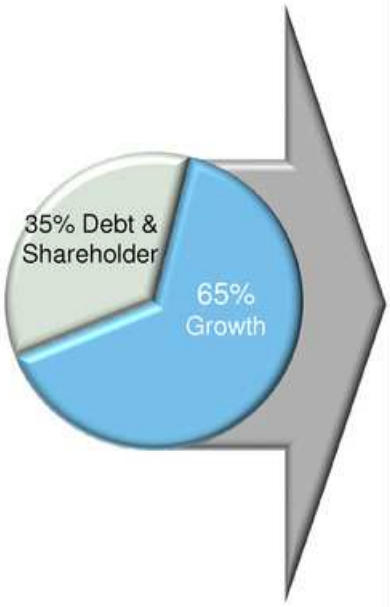
Disciplined Capital Deployment Going Forward



Return Cash to Shareholders

- Share repurchase - $50M authorization
- Dividends – increased 6% in 2014

Capex Below Depreciation

- Invest in facilities
- Invest in new products

Growth

- Organic
- Selective tuck-in acquisitions

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GOAL
NEXT 3 YEARS:

ROIC > 2% over cost of capital

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Continuing to Execute Three Point Strategy

Creating Shareholder Value

1

Grow and Diversify Revenue

- New products
- Asia expansion
- Strategic acquisitions

2

Expand Margins

- Higher margin products
- Cost reductions
- Disciplined pricing

3

Improve Capital Utilization

- Lean sigma
- Improve working capital efficiency

Financial Goals Next 3 – 5 Years

	2013	Next 3–5 years
Value-added sales growth	(1%)	5% –10% annually
Value-added sales	$609M	$750M - $981M
Margins (OP % VA)[1]	5%	9% –12%
ROIC	5%	>2% over cost of capital
Operating Cash Flow	$76M	>$50M
Working capital % sales	31%	<25%
Debt-to-capitalization	13%	<30%
Acquisition Investment	N/A	$50M – $100M annually
EPS[2]	$1.10	>$3.00

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(1) Excludes non-recurring items
(2) Non-GAAP, excludes special items

2014 Key Milestones

		Targets
Value-added sales growth	→	>6%
Expanding operating margins	→	200 bps
Beryllium plant at production	→	>15,000 lbs./qtr.
Operating Cash Flow	→	>$50M
Benefit from facility consolidations	→	>$0.30 EPS

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Appendix

Higher Operating Margin Targets

Removing High Value Metals Clarifies Margins
3-5 Year Target

	GAAP Margin	Value-added Margin
Gross Profit	16% – 18%	35% – 40%
Operating Profit	3% – 5%	9% – 12%

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High Value-added Business Model

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Four Segments in Growth Markets

Segment	Q2 2014 % of Value-added Sales	Key Products	Q2 2014 Operating[1] Profit
 Advanced Material Technologies	44%	• Precious, non-precious and specialty metal products	16%
 Performance Alloys	40%	• Strip and bulk products, beryllium hydroxide	8%
 Beryllium and Composites	10%	• Beryllium-based metals, composites	(11%)
 Technical Materials	6%	• Specialty strip metal products	10%

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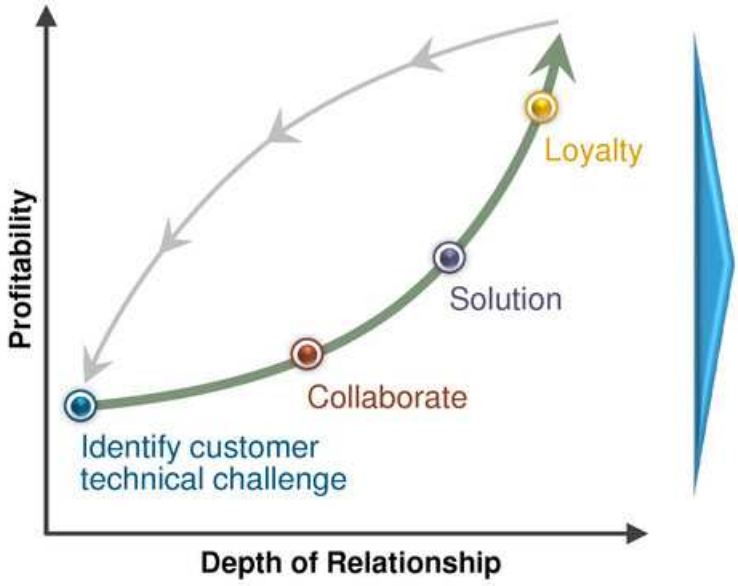
(1) % of value-added sales

Building Lasting Customer Relationships

Our Customer Model



Advantages

- ☑ Deep relationships
- ☑ Higher margin
- ☑ High barriers to competition

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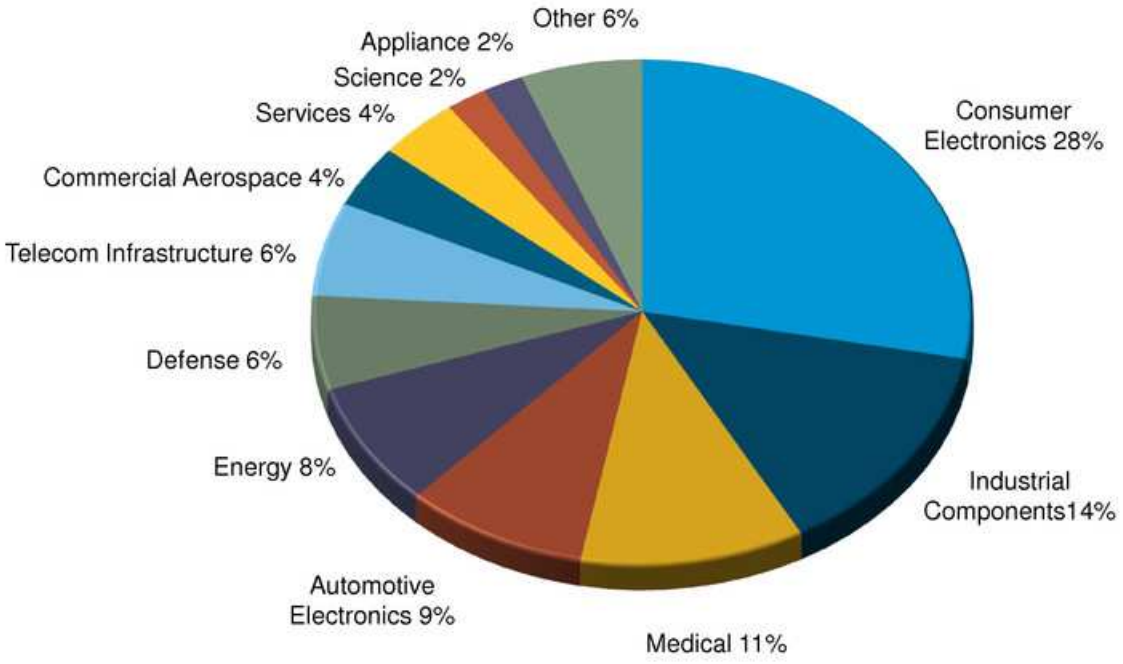
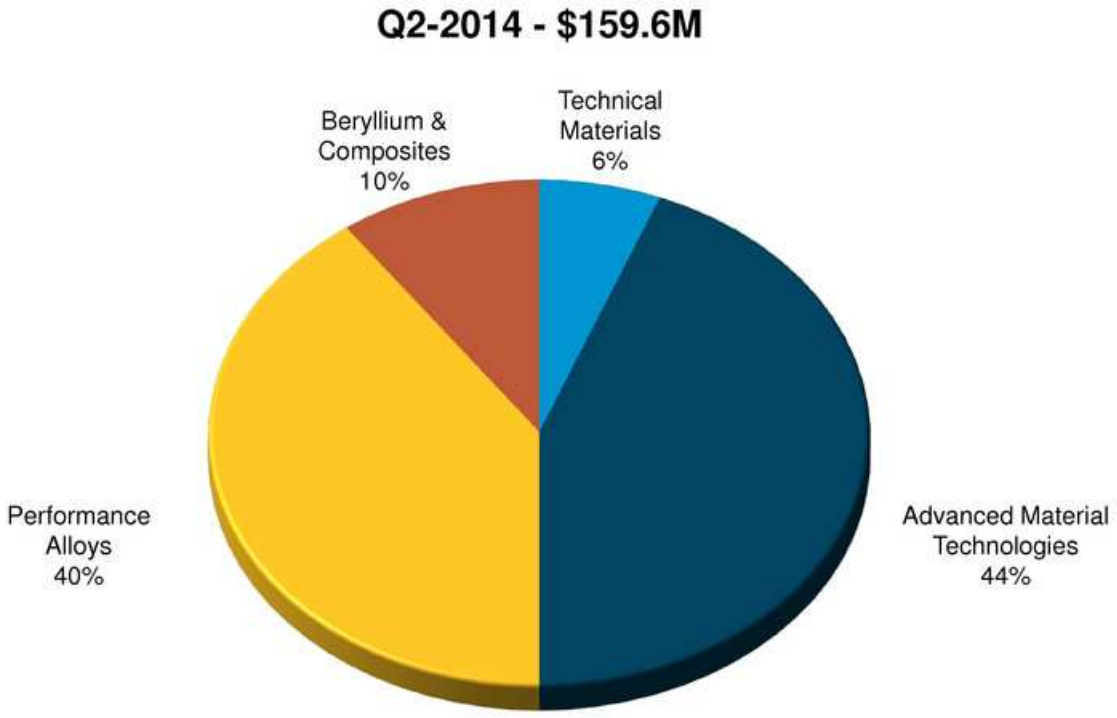
Materion Value-added Sales by Market

Q2-2014 - $159.6M



OP% of Value-added Sales 9%

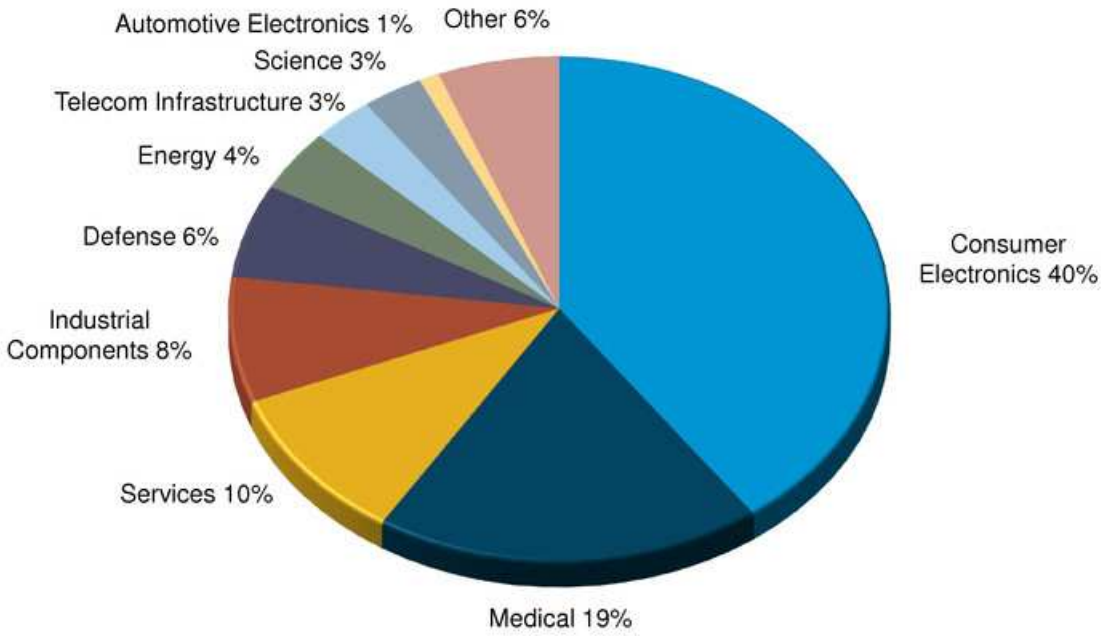
Value-added Sales by Segment



OP% of Value-added Sales 9%

Value-added Sales: Advanced Material Technologies

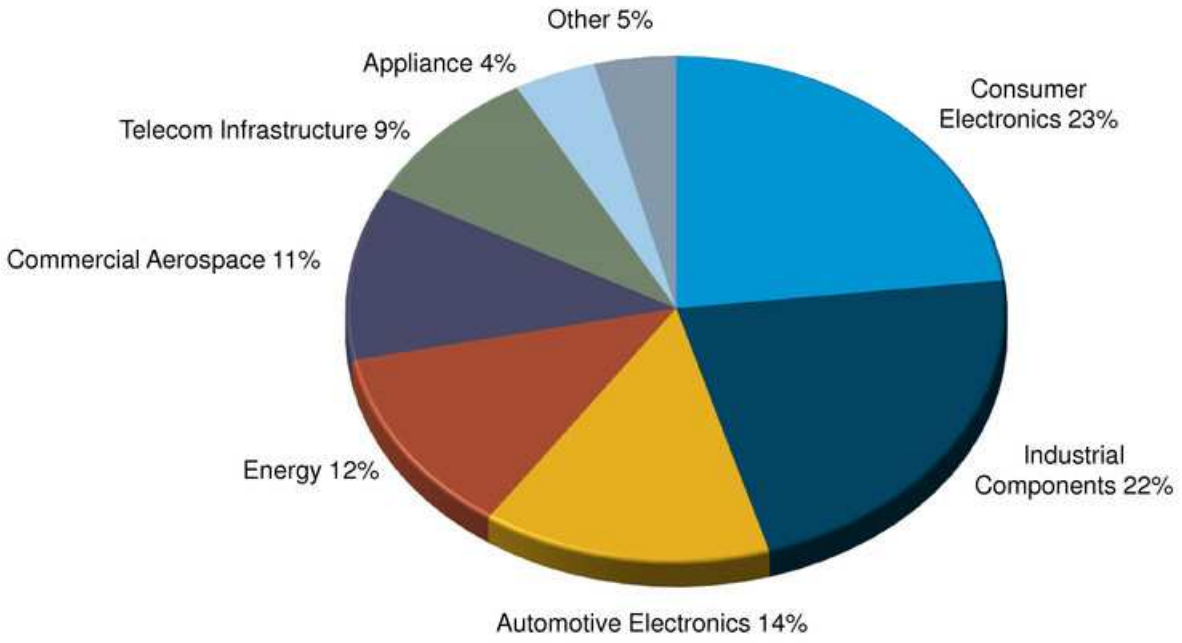
Q2-2014 - $69.9M



OP% of Value-added Sales 16%

Value-added Sales: Performance Alloys

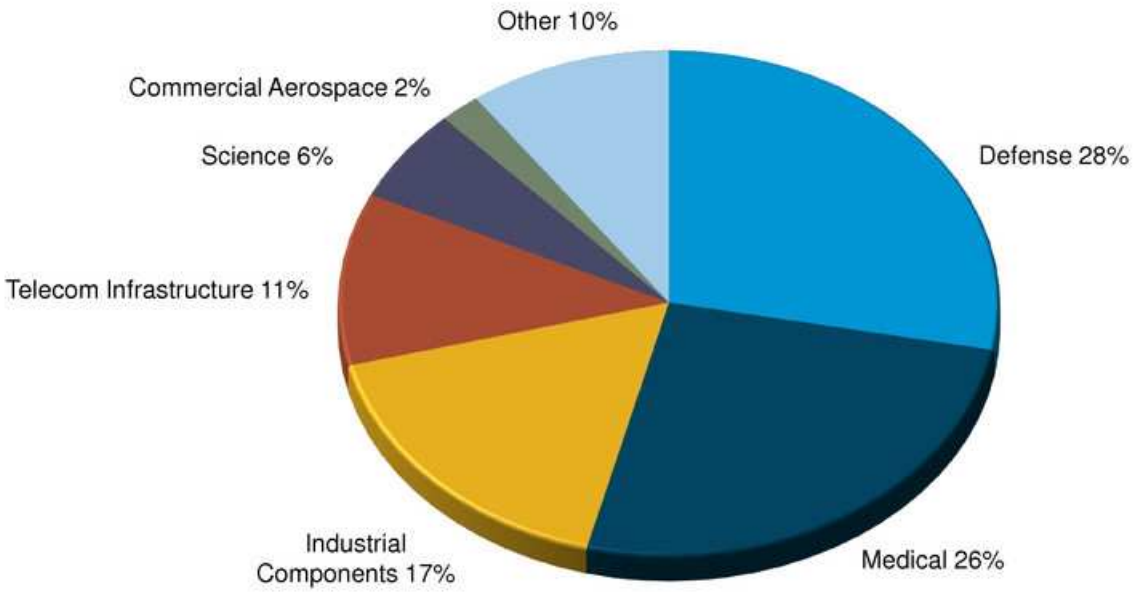
Q2-2014 - $63.5M



OP% of Value-added Sales 8%

Value-added Sales: Beryllium and Composites

Q2-2014 - $16.6M



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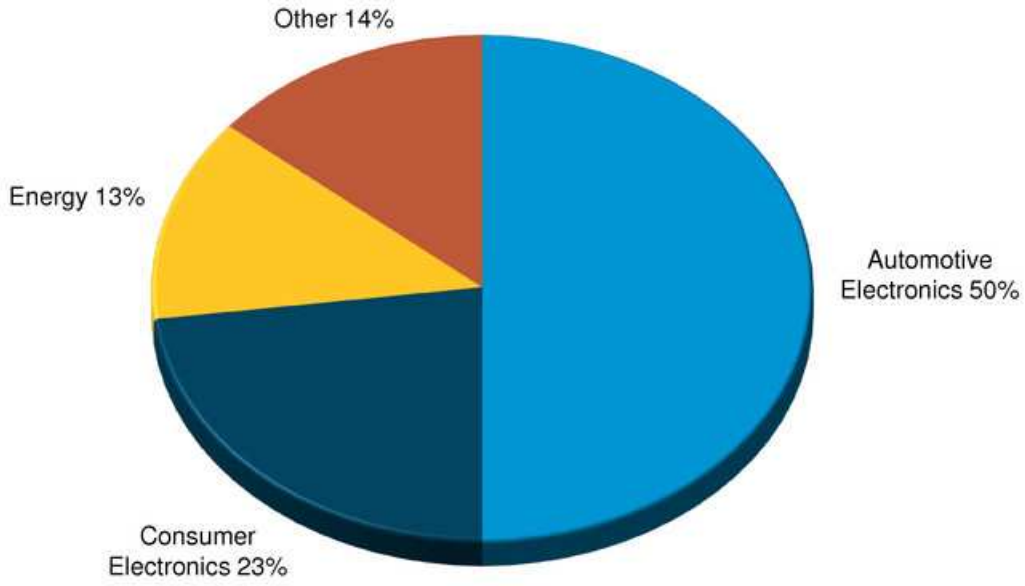
OP% of Value-added Sales (11%)

Value-added Sales: Technical Materials

Q2-2014 - $9.6M



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OP% of Value-added Sales 10%

Core Technologies

1	High purity gold and silver for industrial applications
2	Powder science and processing (vacuum, hot and cold isostatic pressing, press / sinter) … metal, ceramic and chemical
3	Full metal processing technology (melting, casting, rolling, extrusion)
4	Selective electroplating
5	Precision optical filters and coating technology
6	Thin film large area coating
7	Numerous “specialties” … cladding, electron beam welding, diffusion bonding
8	Shield kit cleaning
9	Chemical synthesis
10	Amorphous metals / bulk metallic glass (liquid metals)

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New Product and Technology Development

Advanced Material Technologies

Materials and Services	• Expanded shield kit cleaning services – including new technology to improve precious metal returns • Materials for high brightness LEDs • Specialty inorganic compounds for thin film solar panels (solar, security) • High purity metals and chemicals for semiconductor and display applications • Next generation memory and thin film head materials

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New Product and Technology Development

Advanced Material Technologies (cont.)

Coatings

- Thin film vapor deposited electrodes for medical diagnostics
- Precision optical thin film coatings (specialty filters)
- Large area format serving astronomy, space, science
- Multi-hyper – spectral array filters
- Patterned medical large area coatings capabilities

Packaging

- RF packages for the latest infrastructure technology (3G and 4G)

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New Product and Technology Development

Advanced Material Technologies (cont.)

Performance Alloys

- ToughMet® alloy "strip" for high volume bearing applications
- BrushForm 158 "strip" for cell phone camera suspension applications
- ToughMet® alloy "wire" for next generation cell phone camera suspension applications
- ToughMet® alloy "bulk" with enhanced impact toughness
- ToughMet® "alloy "sheet" for vehicle gearboxes
- "Next generation" alloy for oil & gas


Beryllium and Composites

- Nearer net shape fabrication (hot isostatic pressing)
- Truextent™ speaker diaphragms
- Investment casting
- Amorphous metals / bulk metallic glass
- SupremEX™ aluminum metal matrix composites
- Improved foils for x-ray windows
- Durox® alumina ceramics

Technical Materials

- Hybrid & electric vehicle battery components
- Power electronics
- Smart grid meters

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Applications: Smart Phones

Internal Antenna Contacts

Voice Coil Motor (auto focus lens stabilizer)

Grounding Clips and Audio Jacks

Micro Mezzanine Connectors for LCD Screen

I/O Connector Contacts

Internal Electronics

- Precursor materials for GaAs wafer production

Internal Electronics and LED

- Thin film materials – power amplifiers, LED, SAW and BAW devices, filters, and ICs
- Hermetic solutions for SAW
- Refining / recycling
- Precision parts cleaning

Battery Contacts

Other Smart Phone Applications:

- Circuit board and IC inspection
- RoHS compliance assurance
- Cellular infrastructure with high power RF packaging

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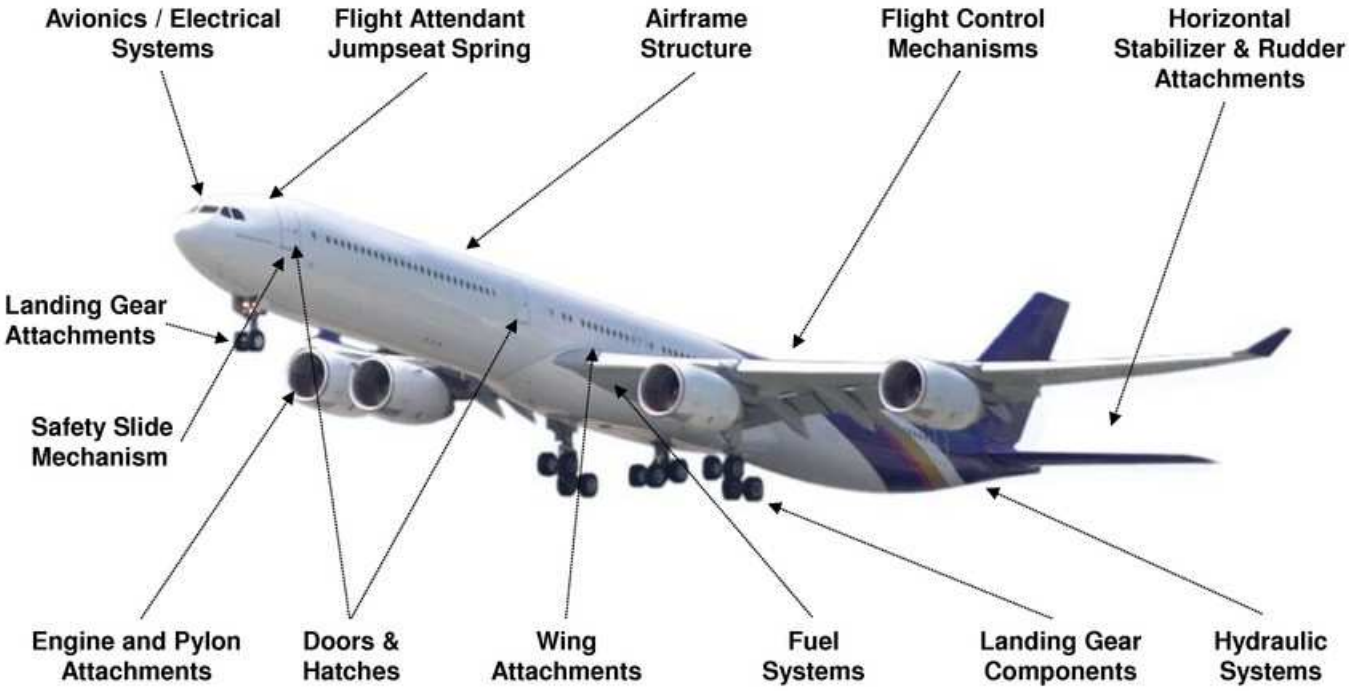
Applications: Aerospace



Other Aerospace Applications:

- Baggage inspection
- Nondestructive evaluation (cracked component detection)

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Applications: Oil & Gas

Wellhead Control Equipment

Structural Rig Components

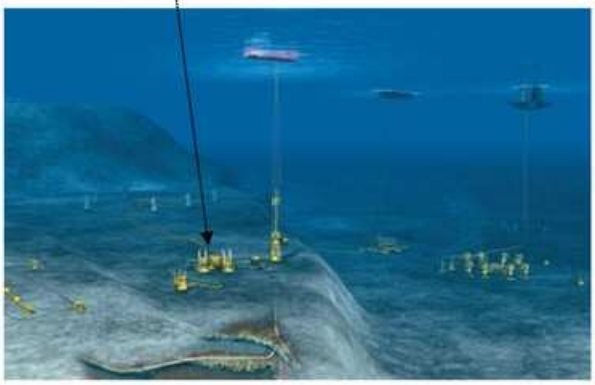
Drill Bits

Directional Drilling Equipment

- Measuring While Drilling (MWD)
- Logging While Drilling (LWD)
- Mud Pulse Telemetry (MPT) systems

Under Water Wellhead Equipment

- Remote operated vehicles, blow out preventers, hydraulic actuators, control fluid couplings



Other Oil & Gas Applications:

- Artificial lift equipment
- Elemental analysis
- Down hole x-ray inspection

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Applications: Medical

Seizure Control
- Thin film deposition implantable electrode – Parkinson's disease (R&D)

X-Ray Mammography

Subcutaneous Glucose Analysis
- Thin film coatings – electrode monitoring device

External glucose analysis
- Subcutaneous sensors for glucose measurement

Insulin Pump
- EMI shielding and grounding
- Electrical terminals in connectors

Battery Contacts for Hearing Aids

Radiation Therapy – Neutron Reflectors

Cardiac Rhythm Management
- Electronic interconnects / components
- Niobium / titanium electron beam weld

Other Medical Applications:
- DNA sequencing optics
- CT scan
- Diagnostic x-rays
- Advanced drug delivery components
- Diagnostic electronic components
- Anesthesia monitoring components
- Operating instruments
- Medical radioisotopes (production reactors)
- RF connectors for MRI equipment, communication devices
- RF connectors for portable diagnostic / therapeutic equipment

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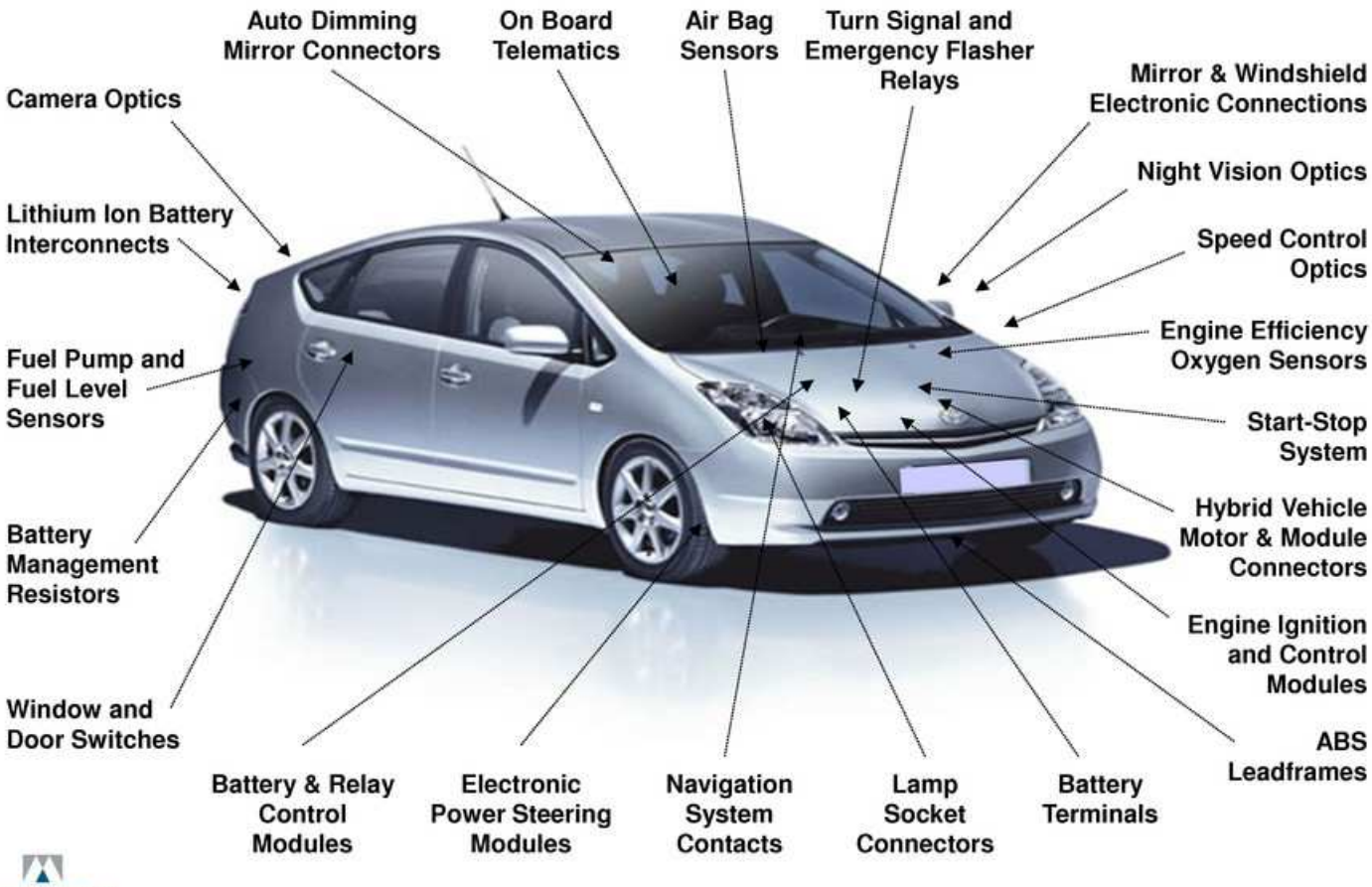
Applications: Automotive Electronics



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Applications: Defense

- Infrared Sensors for fighter jet and UAV optical targeting
- Electronic packaging for defense avionics, radar and electronic countermeasure systems
- Structural and electronic components for satellites
- X-ray windows in security imaging systems
- Laser protection optical coatings
- Night vision system optics

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Applications: Telecommunications Infrastructure

Base Stations
- Coaxial connectors
- High power amplifiers

Local Area Networks
- Shielding
- Modular jacks
- PCB sockets
- Processor sockets

Other Telecommunications Infrastructure Applications
- Undersea repeater housings

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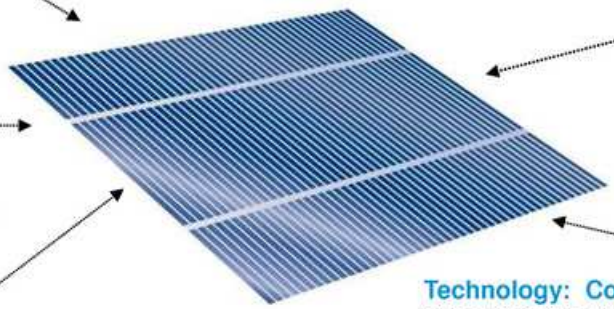
Applications: Solar Energy

Technology: Crystalline Silicon (Si)
Interconnect Materials
- Front and backplane systems for high efficiency designs

Technology: Flexible Solar Cells / Building Integrated Photovoltaic
Thin Film Services:
- Solar cells built in flexible substrates to accommodate applications such as roofing tiles or defense

Technology: Cadmium Telluride (CdTe)
Thin Film (PVD) Materials
- Cadmium based solar cell architecture. N and P type cadmium semiconductor materials
- TCO transparent conductive oxide layers
- Front and back-contact layers

Technology: Copper Indium Gallium Selenide (CIGS)
Thin Film (PVD) Materials as well as Powders for Printing CIGS applications
- Copper indium gallium selenide thin film and screen printing applications for flexible and rigid solar cells



25 Alloy Strip
- Panel interconnects

Technology: Concentrator Photovoltaic (CPV)
Thin Film (PVD) Materials
- Solar technology based on concentrating solar rays into a semiconductor device via large lens
- Anti-reflection coating materials
- Precious metal contact materials

Technology: Amorphous Silicon (a-Si, tandem and multi-junction)
Thin Film (PVD) Materials Silicon based photovoltaic cells
- Front and back contact layers
- TCO Transparent conductive oxide layers

Micro Electronic Packaging Products:
- Bonding ribbon – Au & Ag
- Lead-free solders
- Metalized ceramic substrates

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Non-GAAP Value-added Operating Profit Margins

$ Millions	Second Quarter 2014	Second Quarter 2013	First Quarter 2014
Gross Margin as a Percent of Value-added Sales			
Advanced Material Technologies	37%	29%	35%
Performance Alloys	29%	30%	28%
Beryllium and Composites	16%	28%	32%
Technical Materials	52%	38%	22%
Total	31%	30%	31%
Operating Profit as a Percent of Value-added Sales			
Advanced Material Technologies	16%	4%	12%
Performance Alloys	8%	12%	6%
Beryllium and Composites	(11%)	5%	7%
Technical Materials	10%	19%	2%
Total	9%	4%	8%

Value-added sales is a non-GAAP measure. See attached reconciliation.

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Value-added Sales – Reconciliation of Non-GAAP Measure

$ Millions	Second Quarter 2014	Second Quarter 2013	First Quarter 2014	2013
Sales				
Advanced Material Technologies	$ 179.1	$ 196.0	$ 163.2	$ 744.2
Performance Alloys	76.7	74.3	66.7	292.2
Beryllium and Composites	16.6	16.2	15.4	61.3
Technical Materials	15.5	19.6	13.6	69.1
All Other	-	-	-	-
Total	$ 287.9	$ 306.1	$ 258.9	$ 1,166.8
Less: Pass-through Metal Cost				
Advanced Material Technologies	$ 109.2	$ 130.8	$ 97.6	$ 474.3
Performance Alloys	13.3	15.5	12.1	57.0
Beryllium and Composites	-	-	-	-
Technical Materials	5.9	7.3	4.4	26.5
All Other	-	-	-	-
Total	$ 128.4	$ 153.6	$ 114.1	$ 557.8
Value-added Sales (non-GAAP)				
Advanced Material Technologies	$ 69.9	$ 65.2	$ 65.6	$ 270.0
Performance Alloys	63.5	58.8	54.6	235.2
Beryllium and Composites	16.6	16.2	15.5	61.3
Technical Materials	9.6	12.3	9.2	42.6
All Other	-	-	-	-
Total	$ 159.6	$ 152.5	$ 144.9	$ 609.1
Gross Margin				
Advanced Material Technologies	$ 25.8	$ 19.2	$ 23.2	$ 93.6
Performance Alloys	18.6	17.8	15.5	66.6
Beryllium and Composites	2.7	4.5	4.9	12.3
Technical Materials	3.1	4.6	2.0	15.8
All Other	(0.4)	(0.2)	(0.2)	(0.3)
Total	$ 49.8	$ 45.9	$ 45.4	$ 188.0
Operating Profit				
Advanced Material Technologies	$ 11.5	$ (2.3)	$ 7.6	4.7
Performance Alloys	5.2	6.9	3.5	23.4
Beryllium and Composites	(1.8)	0.8	1.1	(3.5)
Technical Materials	1.0	2.4	0.2	6.9
All Other	(1.3)	(1.2)	(1.4)	(4.7)
Total	$ 14.6	$ 6.6	$ 11.0	26.8

The cost of gold, silver, platinum, palladium and copper is passed through to customers and therefore the trends and comparisons of sales are affected by movements in the market price of these metals. Internally, management reviews sales on value-added basis. Value-added sales is a non-GAAP measure that deducts the value of the pass-through metals sold from sales. Value-added sales allows management to assess the impact of differences in sales between periods or segments and analyze the resulting margins and profitability without the distortion of the movements in pass-through metal prices. The dollar amount of gross margin and operating profit is not affected by the value-added sales calculation. The Company sells other metals and materials that are not considered direct pass throughs and their costs are not deducted from sales to calculate value-added sales.

The Company's pricing policy is to pass the cost of these metals on to customers in order to mitigate the impact of price volatility on the Company's results from operations and value-added information is being presented since changes in metal prices may not directly impact profitability. It is the Company's intent to allow users of the financial statements to review sales with and without the impact of the pass-through metals.

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Reconciliation of Non-GAAP Measure - Profitability

$ millions	Full Year 2013
GAAP as Reported	
Sales	$ 1,166.9
Gross margin	188.0
Operating profit	26.8
Net income	19.7
EPS - Diluted	$ 0.94
Facility closure and product line rationalization costs (benefits)	
Cost of goods sold	$ 1.3
Selling, general and administrative	2.3
Other-net	1.4
Total Special Items	5.0
Non-GAAP Measures - Adjusted Profitability	
Value-added sales	$ 609.1
Adjusted Gross margin	189.3
Adjusted Gross Margin % of VA	31.1%
Operating profit	26.8
Operating profit excluding special items	31.8
Operating profit % of VA	4.4%
Operating profit % of VA (excluding special items)	5.2%
Net income (excluding special items)	23.1
EPS (excluding special items)-Diluted	$ 1.10

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Glossary of Terms

1. Debt-to-capitalization = debt/(net debt+shareholders' equity)

2. EV/EBITDA = Enterprise Value/EBITDA=(Market Cap+Debt+Minority Interest+Preferred Shares-Cash & Equivalents)/EBITDA

3. Total Capitalization = Net debt+shareholders' equity

4. Working Capital % of sales = (A/R+FIFO Inv-A/P)/Total Sales

5. ROIC = After-tax adjusted operating profit/average capitalization