Materials. Powering Ideas.

We are a global materials company at the intersection of people, technology, and customers.

The company is in the process of changing its name from Styron to Trinseo. Some legal entities are still operating under the Styron name at this time.
We Are Styron

• Styron is a leading global materials company with a unique portfolio of products that share feedstocks, operations, customers, and end users.

• Building on more than seven decades of manufacturing, commercial, and technological expertise, we’re passionately focused on delivering high performance products and innovative thinking to our customers.

A Strong Track Record, A Bold Direction
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Fast Facts

• Styron was founded on a unique combination of strong capabilities – strong market positions, production assets, and leading technology
• More than 2,100 employees, based in 27 countries
• 66 manufacturing plants at 19 manufacturing sites around the world
• Part of Dow Chemical until 2010
• Leader in our key products: plastics, latex, and rubber
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Revenue

<table>
<thead>
<tr>
<th></th>
<th>2013 Sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>Styron (all businesses)</td>
<td>Approximately $5.3 billion</td>
</tr>
<tr>
<td>Latex and Rubber</td>
<td>Approximately $2.0 billion</td>
</tr>
<tr>
<td>Plastics</td>
<td>Approximately $3.3 billion</td>
</tr>
</tbody>
</table>

Revenue by Geography

- Latin America
- Asia Pacific
- North America
- Europe/MEA

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Major Office Locations

• Styron’s global operating center is located in Berwyn, PA, U.S.A. (Philadelphia area).

• Regional operating centers:
  – North America: Midland, Michigan, U.S.A.
  – Europe: Horgen, Switzerland
  – Asia Pacific: Hong Kong, China
  – Latin America: Sao Paulo, Brazil
Global Manufacturing Locations

Trinseo delivers an unmatched combination of global reach, operational excellence, expertise, leading intellectual property, world-scale assets, and global R&D presence.
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A Robust Innovation Pipeline

Our track record is built on a history of successful customer-driven innovations, and we continue to fuel our strong future pipeline with new opportunities.

Latex and Rubber

- First industrial production of synthetic rubber
- Dow develops styrene butadiene latex polymer (styaloy)
- Functionalized solution styrene butadiene rubber (SSBR) for high performance tires
- Multi-layer curtain coating (MLCC) for paper and board coating applications

Plastics

- Dow introduces polystyrene to the U.S.
- PS technology is leveraged to invent mass ABS process technology
- Two-phase interfacial polycarbonate process is invented
- STYRON A-TECH™ Resins for appliances, consumer electronics, and packaging and becomes PS technology leader in these applications
- PC / ABS blends for broad market use including automotive and consumer electronics
- New PC-based compounds for automotive interiors /exteriors: low gloss, light weight, durable aesthetics
- High performance structural materials to replace steel and make cars lighter and more fuel efficient
- New HIPS grades for thinner refrigerator liners and packaging
- ABS grades with excellent aesthetics
- New compounds for medical devices, LED lighting, consumer electronics, and high performance films
- High-flow PS for high-gauge insulation boards
- Foam latex: ENVERSA® technology
- High performance styrene acrylates
- Starch emulsion technology
- Performance latex applications: adhesives, construction, consumer products
- SSBR microstructure optimization. Third generation functionalized SSBR for “green tires” with lower rolling resistance
- Functionalized Nd-BR rubber for high performance tires
- Rubber-filler masterbatch technology

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Committed to Sustainability

• Styron aims to be a preferred partner for sustainable solutions.

• The people of Styron are committed to:
  – Continually innovating and developing new and improved products and processes that advance Styron’s and our customers’ sustainability.
  – Promoting the responsible use of our materials through product stewardship.
  – Operating responsibly with respect to the environment, health, and safety; using resources more efficiently; adhering to the principles of Responsible Care®; and being a good neighbor in the communities where we operate.

© Responsible Care is a registered service mark of the American Chemistry Council in the United States.
Joint Ventures

As a leading integrated producer of polystyrene and styrene monomer, Americas Styrenics offers solutions and services to customers in a variety of markets throughout the Americas.

Ownership: Styron 50%; Chevron Phillips Chemical Company 50%

History: Americas Styrenics was formed in 2008 as a 50/50 joint venture between The Dow Chemical Company and Chevron Phillips. After Styron became an independent company, it assumed Dow's ownership share in the JV.

Headquarters location: The Woodlands, Texas

Production Facilities: Torrance, California; Gales Ferry, Connecticut; Ironton, Ohio; Joliet, Illinois; Cartagena, Colombia; St. James, Louisiana; Marietta, Ohio

Products: Polystyrene and styrene

A 50/50 joint venture between Styron and Sumitomo Chemical Co., Ltd. produces polycarbonate resins and serves customers and markets throughout Asia.

Ownership: Styron 50%; Sumitomo Chemical Co., Ltd. 50%

History: The company was originally formed as Sumitomo Dow Limited in 1996 as 50/50 joint venture between Sumitomo Chemical Co., Ltd. and The Dow Chemical Company. After Styron became an independent company, it assumed Dow’s ownership share in the JV.

Headquarters location: Tokyo, Japan

Production Facilities: Niihama City, Ehime, Japan

Products: Polycarbonate
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Industries & Markets
We Serve

Our products touch nearly every aspect of daily life.
Industries & Markets

Automotive

Styron Automotive offers a portfolio of plastic solutions to fulfill growing demands for vehicles that perform better, are less expensive and polluting, are more comfortable and durable, and are fuel-efficient and safer.

In addition to our best-in-class resins, we also have automotive-dedicated products available, such as PULSE™ Engineering Resins, MAGNUM™ ABS Resins, VELVEX™ Reinforced Elastomers, and INSPIRE™ Performance Polymers. These resins enable us to provide an extensive offering for interior and exterior applications.

Building & Construction

CALIBRE™ Polycarbonate Resins, MAGNUM™ ABS Resins, and TYRIL™ SAN Resins are fabricated into sheets used in a range of construction applications.

Performance latex can be used in adhesives, mortars and structural cements, primers and stain blockers, ceiling tile, bridge deck overlays, and road surfaces.
Industries & Markets

Carpet & Artificial Turf

Carpet is stronger and more durable thanks to latex backing systems from Styron. Our products include a wide variety of latexes that impart specific physical properties to the finished carpet, including dimensional stability, stiffness and hand, and may be used to enhance performance properties including moisture barrier.

And, in artificial turf, Styron latex products offer safety and durability on the field and help to improve properties that extend the durability and appearance of the pitch.

Consumer Goods

From household goods to recreation equipment, consumers want products that look good and can handle rough play, weather, and heavy use.

With our portfolio of CALIBRE™ Polycarbonate Resins, TYRIL™ SAN Resins, STYRON™ Polystyrene Resins, MAGNUM™ ABS Resins, and EMERGE™ Advanced Resins, we have solutions to meet these tough requirements and more.

Consumer Electronics

Styron collaborates with customers on a wide range of consumer electronics applications – from flat-screen TVs to printers to smart phones.

EMERGE™ Advanced Resins, CALIBRE™ Polycarbonate Resins, and STYRON™ Polystyrene Resins help provide strength to housings, bring high-impact resistance, and provide for perfect color and gloss ensuring appealing aesthetics and high performance properties for this consumer-driven sector.
Industries & Markets

**Electrical & Lighting**

LED lighting, solar electricity generation, smart meters – the electrical and lighting industries are in the midst of a revolution. Our plastics maximize light output and safety, and stand up to rough use over the product’s lifetime.

CALIBRE™ Polycarbonate Resins and EMERGE™ Advanced Resins provide solutions for electrical applications like switches, plugs, and meters. CALIBRE Polycarbonate Resins, EMERGE Advanced Resins, and TYRIL™ SAN Resins are used for non-incandescent LED lighting. And our resins go into smart meters, one of the enabling technologies to achieve reductions in carbon emission and energy usage.

**Home Appliances**

With years of experience supplying the home appliance marketplace, we understand the challenges the industry faces today – to reduce costs, improve sustainability, and meet changing consumer tastes.

With MAGNUM™ ABS Resins, TYRIL™ SAN Resins, STYRON™ and STYRON A-TECH™ Polystyrene Resins, and CALIBRE™ Polycarbonate Resins tailored for the applications of the appliance industry, Styron provides plastics with great performance that allow manufacturers to downgauge and reduce scrap, saving money while improving the freedom of design needed to meet consumer needs.

**Medical**

An increase in minimally invasive surgeries and a shift to more home health-care monitoring have increased the need for light yet durable medical devices.

CALIBRE™ and CALIBRE™ MEGARAD™ Polycarbonate Resins, EMERGE™ Advanced Resins, and MAGNUM™ ABS Resins offer medical device manufacturers options to meet stringent performance requirements while ensuring patient safety and keeping costs low. Certain CALIBRE Resins have even undergone biocompatibility testing.
Industries & Markets

Packaging

Protection, convenience, and ensuring product quality needed to help consumers trust the packaged final product.

Styron offers STYRON™ Polystyrene Resins, STYRON A-TECH™ Polystyrene Resins, CALIBRE™ Polycarbonate Resins, and TYRIL™ SAN Resins for different packaging needs in transparent, rigid opaque, and foamed packaging as well as for bottles.

Paper & Paperboard

Printed items used every day – from playing cards, brochures, and magazines to colorful board-based packaging – are enhanced by latex coatings from Styron. These coatings provide durability protection as well as decorative features such as high-gloss finishes for paper and paperboard.

Supported by our extensive polymer engineering we developed styrene butadiene latex, modified styrene butadiene latex, terpolymer, styrene acrylate, thickeners, and synthetic pigments.

Performance Latex

Customers who need performance latex for specialty applications turn to Styron because of our unique latex heritage and renowned industry leadership.

We offer performance latex chemistries with distinctive benefits to enhance the performance and mechanical properties of a broad spectrum of applications. These include: tape saturation, nonwovens, cement modification / restoration, footwear, ceiling tiles, adhesives, running track binders, textiles binders and coatings, and glass mat.
Industries & Markets

Sheet & Profile Extrusion

Excellent processability, high lot-to-lot consistency, thermal stability – all are important to plastic sheet and extrusion profile applications. Styron addresses all these concerns with a broad range of resins.

Opaque sheet extruders and producers of edgebands and profiles choose MAGNUM™ ABS Resins for their excellent balance of features such as toughness and self-colorability, as well as their extrusion and thermoforming processability. Clear sheet extruders, specialty and high-performance films manufacturers, and floor mat producers value CALIBRE™ Polycarbonate Resins for their perfect combination of toughness, heat resistance, and clarity. TYRIL™ SANS Resins offer transparency, good processability, and good chemical or impact resistance.

Tire & Rubber Goods

As a global leader in the production and distribution of synthetic rubbers, Styron offers a broad portfolio of quality rubber products.

Polybutadiene rubber is used in impact modification, tires, golf balls, and technical goods applications. High quality, cold polymerized emulsion styrene butadiene rubber finds its use in standard tires and technical rubber goods.

Our focus is on the development of enhanced solution styrene butadiene rubber grades that are used in premium tires to improve performance properties of wear resistance and wet-grip, while at the same time reducing rolling resistance and fuel consumption.

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Our Products
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## Performance Materials Division Overview

<table>
<thead>
<tr>
<th>Latex</th>
<th>Synthetic Rubber</th>
<th>Performance Plastics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Products</strong></td>
<td>Styrene Butadiene Latex</td>
<td>Solution Styrene Butadiene Rubber (SSBR)</td>
</tr>
<tr>
<td></td>
<td>Styrene Acrylate Latex</td>
<td>Lithium Polybutadiene Rubber (Li-PBR)</td>
</tr>
<tr>
<td></td>
<td>Starch-containing Emulsion Technology</td>
<td>Emulsion Styrene Butadiene Rubber (ESBR)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nickel Polybutadiene Rubber (Ni-PBR)</td>
</tr>
<tr>
<td><strong>Brands</strong></td>
<td>LOMAX™ MaxCoat™</td>
<td>BUNA™ SPRINTAN™</td>
</tr>
<tr>
<td></td>
<td>FOUNDATIONS™</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HPL™ MaxForte™</td>
<td></td>
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<tr>
<td></td>
<td>Modifier-A</td>
<td></td>
</tr>
<tr>
<td><strong>End Uses</strong></td>
<td>Paper and Board Coatings</td>
<td>Standard and Performance Tires</td>
</tr>
<tr>
<td></td>
<td>Carpet and Artificial Turf Backings</td>
<td>Polymer Modification</td>
</tr>
<tr>
<td></td>
<td>Performance Latex</td>
<td>Technical Goods</td>
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<td></td>
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</tbody>
</table>
Premier Franchises

Synthetic Rubber

• Styron is a technology leader in functionalized solution styrene butadiene rubber (SSBR) for high performance tires.

Latex

• Global leader in SB latex with 25 percent market share.

• The only SB latex supplier with world-class pilot coating facilities in both the U.S. and Europe.

Performance Plastics

• Longstanding customer relationships with industry leaders in automotive, electronics, lighting and medical devices.

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Latex and Rubber – Market Trends

Styron’s offering is aligned to key macro trends that drive future carpet demand.

Trends

- Sustainability
- Higher Living Standards
Synthetic Rubber Overview

• Leading supplier of SBR and PBR with world-class manufacturing platform in Europe.

• Functionalized SSBR growth platform focusing on high performance tires.

• Deep and long-standing relationships with all global leading tire producers.

• Leader in polymer modification with significant captive use in plastics.
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Syntetic Rubber Product Differentiation

Styron capabilities capture the spectrum of synthetic rubber applications.

- Performance Tires
- Polymer Modification
- Standard Tires
- Technical Goods

Functionalized

SSBR

Nd-PBR (b)

Li-PBR (a)

Co-PBR (b)

Ni-PBR

ESBR

(a) Used in Plastic Modification only
(b) Styron owns Licenses and Technologies
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## Latex – Carpet & Artificial Turf

*Unmatched product offering aligned to meet industry trends.*

<table>
<thead>
<tr>
<th>Polymer Type</th>
<th>Brands</th>
<th>Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>SB</td>
<td>LOMAX™ Technology</td>
<td>Residential Broadloom</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Commercial Broadloom</td>
</tr>
<tr>
<td>Modified SB</td>
<td></td>
<td>Residential Broadloom</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Commercial Broadloom</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Needle Felt</td>
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<tr>
<td></td>
<td></td>
<td>Woven</td>
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<tr>
<td></td>
<td></td>
<td>Artificial Turf</td>
</tr>
<tr>
<td>VB, VSB</td>
<td>HPL™ Latex</td>
<td>Residential Broadloom</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Commercial Tile</td>
</tr>
<tr>
<td>Acrylic</td>
<td>FOUNDATIONS™ Acrylic Technology</td>
<td>Commercial Broadloom</td>
</tr>
<tr>
<td>Unbranded Acrylic</td>
<td></td>
<td>Commercial Tile</td>
</tr>
<tr>
<td>VA</td>
<td>EVEREST™</td>
<td>Commercial Broadloom</td>
</tr>
<tr>
<td>Foam Technology</td>
<td>ENVERSA™ Cushion Technology</td>
<td>Attached Cushion</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Carpet Underlay</td>
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<tr>
<td></td>
<td></td>
<td>Bath Mat</td>
</tr>
</tbody>
</table>

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Latex – Paper and Board Chemistries

*Styron provides a full range of coating chemistries required by customers.*

<table>
<thead>
<tr>
<th>Offering</th>
<th>Category</th>
<th>Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binders</td>
<td>Binders</td>
<td>Styrene Butadiene</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Polyvinyl Acetate</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All-acrylic</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Vinyl Acrylic</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Styrene Acrylic</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SCE Technology (Starch Containing Emulsion)</td>
</tr>
<tr>
<td>Additives</td>
<td>Thickeners</td>
<td>Alkali Swellable Emulsions (ASE)</td>
</tr>
<tr>
<td></td>
<td>Opacifiers</td>
<td>Solid Plastic Pigment</td>
</tr>
<tr>
<td></td>
<td>Formulated Products</td>
<td>Rotogravure Sole Binder</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CDP Formulation</td>
</tr>
</tbody>
</table>
# Basic Plastics and Feedstocks Overview

<table>
<thead>
<tr>
<th><strong>Polystyrene</strong></th>
<th><strong>ABS / SAN</strong></th>
<th><strong>Polycarbonate</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Key Products</strong></td>
<td><strong>Brands</strong></td>
<td><strong>Markets</strong></td>
</tr>
</tbody>
</table>
| • General Purpose Polystyrene (GPPS)  
• High Impact Polystyrene (HIPS)      | • Acrylonitrile Butadiene Styrene (ABS)  
• Styrene Acrylonitrile (SAN)         | • Polycarbonate Resins (PC)             |
| **Brands**      | **Markets**   |                   |
| • STYRON™  
• STYRON A-TECH™ | • Appliances  
• Building and Construction  
• Consumer Goods  
• Electrical and Lighting  
• Packaging         | • Appliances  
• Automotive and RV  
• Furniture  
• Consumer Goods |
| **Markets**     | **Brands**    | **Markets**       |
| • Appliances  
• Building and Construction  
• Consumer Goods  
• Electrical and Lighting  
• Packaging         | • MAGNUM™  
• TYRIL™     | • Appliances  
• Automotive  
• Consumer  
• Electronics  
• Consumer Goods |
|                   |               | • Electrical and Lighting  
• Glazing and Sheet  
• Optical Media  
• Medical Devices |

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Broad Plastics Offering Anchored by a Premier Polystyrene Franchise

- Supplying numerous industries in all geographic regions.
- Top three supplier globally* in polystyrene.
- Only global supplier with wide range of PS, ABS / SAN, and PC blends.
- Styron is well positioned with:
  - Differentiated ABS technology
  - Assets strategically positioned in growth regions
  - Recognized leadership in application development
  - Enduring customer partnerships

* Includes Styron share of Americas Styrenics joint venture
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Plastics – Market Trends

*Styron’s portfolio is aligned with global macro trends backed by solid fundamentals.*

**Trends**

- Energy Efficiency
- Waste Reduction / Sustainability
- Reducing Costs
- Aesthetics / Differentiation
- Increased Living Standards
- Convenience
- Mobility and Entertainment
Finding Solutions for Our Customers

• At Styron, we strive to bridge the gap between our customer’s ideas and reality to create shared value for the marketplace and for Styron.

• We have a long history of making the impossible possible when it comes to materials challenges. And we’re just getting started.