FACT SHEET: Basic Plastics and Feedstocks

Styron Basic Plastics and Feedstocks is a business division with a broad plastics portfolio including polystyrene, co-polymers (ABS, SAN) and polycarbonate, as well as styrene monomer.

Styron Basic Plastics and Feedstocks is anchored by a premier polystyrene franchise that is a top-three supplier globally in polystyrene (including company share of joint venture).

Styron Basic Plastics and Feedstocks supplies numerous industries – including packaging, appliances, building and construction, transportation, and consumer goods – in all geographic regions. The business offers differentiated ABS technology, recognized leadership in application development and enduring customer partnerships.

Styron is in the process of changing the name of all Styron affiliated companies to Trinseo, effective February 1, 2015. Some, but not all, Styron companies are currently known as Trinseo; Styron companies that have not yet changed their names continue to do business as Styron. Trinseo is listed on the New York Stock Exchange under the symbol “TSE”.

<table>
<thead>
<tr>
<th>Key Products</th>
<th>Polystyrene</th>
<th>ABS/SAN</th>
<th>Polycarbonate</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Purpose Polystyrene (GPPS)</td>
<td>Acrylonitrile Butadiene Styrene (ABS) Resins</td>
<td>Polycarbonate Resins (PC)</td>
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<tr>
<td>High Impact Polystyrene (HIPS)</td>
<td>Styrene Acrylonitrile (SAN) Resins</td>
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<tr>
<td>STYRON™</td>
<td>MAGNUM™</td>
<td>CALIBRE™</td>
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<tr>
<td>STYRON A-TECH™</td>
<td>TYRIL™</td>
<td>CALIBRE™ MEGARAD™</td>
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<td>STYRON™ C-TECH</td>
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The company also produces styrene monomer, a feedstock used in polymer production.

**Technology**

Styron was founded on a unique combination of strong capabilities including technology leadership, world-class production assets and a global team of technical experts. Building on more than seven decades of manufacturing, commercial and technological expertise, we are passionately focused on delivering high-performance products and innovative thinking to our customers.

For the Basic Plastics and Feedstock division, Styron has six Research & Development (R&D) and testing laboratories, two color laboratories and three pilot polymerization facilities. Key locations for R&D include Terneuzen, Netherlands; Stade, Germany; Tsing Yi, Taiwan and Midland, Michigan, U.S.

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.
Styron has highly efficient manufacturing sites with a proven record of operating excellence. Our manufacturing assets boast a 99% asset mechanical reliability, 5% above the industry average. Styron people are strongly committed to safety and environmental performance, and are proud to have an industry-leading safety record.

### Major Plants and Locations

<table>
<thead>
<tr>
<th>Manufacturing plants</th>
<th>Styrenic Polymers (PS, ABS &amp; SAN)</th>
<th>Polycarbonate</th>
<th>Styrene Monomer</th>
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</thead>
<tbody>
<tr>
<td>Midland, Michigan, U.S.</td>
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<tr>
<td>Tsing Yi, Hong Kong, China</td>
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<td>Merak, Indonesia</td>
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<td>Tessenderlo, Belgium</td>
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<td>Boehlen, Germany</td>
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<td>Schkopau, Germany</td>
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<tr>
<td>Stade, Germany</td>
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<tr>
<td>Terneuzen, Netherlands</td>
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<tr>
<td>Tsing Yi, Hong Kong</td>
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### Products & Applications

#### Building & Construction

Architects, engineers and building owners are always looking for ways to increase the safety, strength and sustainability of their structures and signs, without detracting from the style. Styron offers a variety of plastic resins that can offer the clarity of glass, the strength of steel and the light weight of aluminum, as well as providing additional insulation and UV-resistant properties.

**Applications**
- Transparent roofing and glazing
- Industrial signage and road marking
- Hurricane panels
- Insulation
- Sanitary (bathtub liners and shower trays)

**Products**
- CALIBRE™ Polycarbonate Resins
- MAGNUM™ ABS Resins
- STYRON™ Polystyrene Resins
- TYRIL™ SAN Resins

#### Consumer Goods

When it comes to consumer goods, durability and style are key. From housewares and bathroom fittings to outdoor products and recreation equipment, consumers want products that look good and can handle rough play, extreme weather and heavy use. Styron has solutions that meet these needs, as well as many other special requirements.

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Applications
- Wide range of consumer goods, from protective sunglasses over helmet visors to transparent furniture

Products
- CALIBRE™ Polycarbonate Resins
- TYRIL™ SAN Resins
- STYRON™ Polystyrene Resins
- STYRON A-TECH™ Polystyrene Resins
- MAGNUM™ ABS Resins

Home Appliances
As emerging markets around the world continue to expand and develop, demand for appliances is growing rapidly. But consumers are also concerned about style, energy efficiency, durability and cost. With 70 years of experience with the home appliance industry, Styron is a reliable resin supplier of proven grades tailored for the different applications of the industry. Styron's resins contribute to high-performance end products with consistent property balance and high gloss aesthetics.

Applications
- Cold appliances (refrigerators and freezers)
- Air conditioning
- Wet appliances (washers, dryers and dishwashers)
- Small and other appliances

Products
- STYRON™ Polystyrene Resins
- STYRON A-TECH™ Polystyrene Resins
- MAGNUM™ ABS Resins
- TYRIL™ SAN Resins
- CALIBRE™ Polycarbonate Resins

Packaging
Protection, convenience and quality are just some of the vital elements in ensuring that the consumer trusts the final packaged product. Styron meets the changing needs of the packaging industry through performance products with enhanced properties and broadened processing windows.

Applications
- Dairy packaging
- Food service
- Polystyrene bottles

Products
- STYRON™ Polystyrene Resins
- STYRON A-TECH™ Polystyrene Resins
- CALIBRE™ Polycarbonate Resins
- TYRIL™ SAN Resins
- STYRON™ C-TECH Polystyrene Resins

Sheet & Profile Extrusion

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.
Good processability, high consistency, thermal stability – all are important to the sheet and extrusion profile applications. Styron addresses all these concerns with a broad range of ABS and polycarbonate resins for a variety of application needs.

Applications
- Opaque sheet
- Clear sheet
- Floor mats
- Edgebands and profiles

Products
- MAGNUM™ ABS Resins
- CALIBRE™ Polycarbonate Resins

For more information about Basic Plastics and Feedstocks, visit http://www.styron.com/

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