

INEOS Styrolution

Company portrait

INEOS Styrolution is the leading, global styrenics supplier with a focus on styrene monomer, polystyrene, ABS Standard and styrenic specialties. With world-class production facilities and more than 85 years of experience, INEOS Styrolution helps its customers succeed by offering the best possible solution, designed to give them a competitive edge in their markets. The company provides styrenic applications for many everyday products across a broad range of industries, including automotive, electronics, household, construction, healthcare, toys/sports/leisure, and packaging. In 2017, sales were at 5.3 billion euros. INEOS Styrolution employs approximately 3,300 people and operates 18 production sites in nine countries.

A global network and extensive expertise in serving customers' needs

Headquartered in Frankfurt am Main, Germany, INEOS Styrolution has a worldwide market presence, which means it is always close to the customer markets and serves their needs in the best possible way. The company's production facilities, systems and processes represent industry benchmarks, and its sites are among the most efficient worldwide. About 75% of all commodity output from its manufacturing facilities is ideally positioned in the first and second quartile of the cost curve.

Sites are located in Germany (Ludwigshafen, Schwarzheide, Cologne), Belgium (Antwerp), France (Wingles), Korea (Ulsan, Yeosu), India (Dahej, Katol, Moxi, Nandesari), Thailand (Map Ta Phut), the USA (Channahon, Decatur, Texas City, Bayport), Canada (Sarnia) and Mexico (Altamira).

With best-in-class production technology, advanced R&D skills and strong IP and patents positions, INEOS Styrolution is perfectly equipped to ensure the highest level of quality, efficiency and innovation. The company's processing and market expertise and vast experience make it an attractive partner for customers in various industries.

Well-balanced and diversified product portfolio

INEOS Styrolution offers the broadest portfolio of standard and specialty product grades in the styrenics industry. Among the key players in the market, INEOS Styrolution is the only company dedicated entirely to styrenics (“styrenics pure play”). INEOS Styrolution offers all styrenics applications for a broad range of industries.

Styrenics are one of the most important thermoplastics. In comparison to other polymers, they have a low density and high stiffness, incomparable aesthetics as well as well-balanced performance and good processability, which also makes them excellent value for the money.

- **Styrene monomer (SM)** is an intermediate product. It is a colorless liquid that polymerizes easily.
- **Polystyrene (PS)** is a thermoplastic resin that is used in many applications, such as disposable packaging, electronic devices, large appliances (for example in refrigeration liners) and household goods.
- **Acrylonitrile butadiene styrene (ABS Standard)** is a thermoplastic resin, used primarily in aesthetic colorful products that need to be heat and impact-resistant, such as vacuum cleaners or power tools. It is also commonly found in vehicles, mobile phone housings and recreational goods.
- **ABS Specialties** in contrast to ABS Standard, ABS Specialties are available in pre-colored grades and possess many unique features to fit the most demanding product applications.
- **Styrene-butadiene block copolymer (SBC)** is a thermoplastic resin that is transparent and impact-resistant. It is used to provide a high optical appearance and is mostly found in food and display packaging.
- **Styrene-based copolymers (SAN, SMMA, AMSAN, ASA, MABS,) and blends (ABS/PA, ASA/PA, ASA/PC, MBS)** are thermoplastic resins that are mainly used in various technical applications, such as vehicles, garden equipment, tools, appliances, consumer electronics, communications devices and computers.

Helping customers to succeed by providing the best solutions

INEOS Styrolution employs different business models to serve the different needs of the styrenics standard and specialties markets. The standard market is characterized by high-volume sales and more generalized products, while the

specialties market features lower unit numbers, but a much higher degree of product customization.

INEOS Styrolution's key objective is to support the success of its customers in their markets and to provide them with a competitive edge. Depending on the application and field of business, this can mean different things: to help customers be more innovative or more efficient than their competitors, to always have the right polymer for any challenge at hand or to produce at a lower cost. Working with INEOS Styrolution stands for ease of doing business and peace of mind for the customer. To help its customers achieve their individual goals, INEOS Styrolution offers top reliability and the highest product quality (ensuring a lot-to-lot consistency and processability), innovativeness (for greater efficiency and a higher level of product differentiation), high-quality services (including the development of new models for cooperation) and professional customer relations.

INEOS Styrolution works closely together with its customers in order to provide them with the best solutions. Examples include:

- Its self-coloring concept for ABS offers the highest flexibility for color changes, provides brilliant surfaces and helps to reduce inventories
- Its SBC shrink sleeves can be used on even the most complicated designs (for example on unusually shaped beverage bottles)
- In the automotive industry, front grills made from ASA can be used instead of painted parts, which saves costs and makes them a very sustainable solution
- A new ABS grade has been specially developed for electroplating applications in the sanitary and automotive industries
- Healthcare and diagnostic grades combine high performance with a comprehensive service package. Products come with a long-term guarantee and a continuous support program.

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