



Technical Data Sheet

Europrene® SEBS

SOL TH 2315 BA Styrene - Ethylene/Butylene Block Copolymer Bio Attributed



Europrene® SOL TH 2315 BA is a linear block copolymer obtained by selective hydrogenation of styrene-butadiene-styrene block copolymers. The polymer is based on styrene and ethylene/butylene. A non-staining, TNPP free antioxidant system is added during the production process.

Sustainability

Bio raw materials can be used in production processes together with traditional raw materials. In order to attribute sustainability characteristics to the final product, Versalis applies the **Mass Balance** approach, an acknowledged methodology that ensures that the sustainability characteristics of the alternative raw material, mixed with traditional naphtha, correspond to those of the final product. BA products are provided with a **sustainability declaration** indicating the amount of Bio Attributed component. They guarantee identical performance, quality and properties, as they do not differ in chemical composition and physical-mechanical performance from standard products.

| Main Properties | Test Method | Unit | Typical Value |
|------------------------|-----------------|----------|---------------|
| Bound Styrene Content | Internal Method | % wt | 32 |
| Melt Flow Index* | ASTM D 1238 | g/10 min | <1 |
| Volatile Matter | ASTM D 5668 | % | 1 max |
| Brookfield Viscosity** | Internal Method | Pa · s | 1,7 |

*230°C, 5 kg

**Xylene sol., 10% wt

Key Features

Europrene® SOL TH 2315 BA is a linear triblock copolymer of high molecular weight, specifically designed to be formulated with high contents of processing oils and mineral fillers. The grade is characterized by excellent mechanical properties and ageing resistance.

Main Applications

Europrene® SOL TH 2315 BA is designed for technical compounds applications. High performance compounds based on this grade show excellent elastic and tensile characteristics in a wide range of flowability and hardness.

Physical Form

Europrene® SOL TH 2315 BA is produced in Ravenna Plant (Italy) in porous pellet form.

Packaging

Available in standard packaging. For detailed information, please refer to your Versalis representative.

Storage Conditions

Store the preparation in a covered place in sealed packaging, away from sunlight and heat sources. Ensure the proper ventilation in all storage areas.

Shelf life: 24 months

Please consult the relevant safety data sheet for more detailed information.

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