



Technical Data Sheet

Europrene® SBS

SOL T 6306

Styrene/Butadiene Block Copolymer

Europrene® SOL T 6306 is a radial block copolymer obtained by anionic polymerization. The polymer is based on styrene and butadiene. A non-staining antioxidant system is added during the production process.

| Main Properties | Test Method | Unit | Typical Value |
|-------------------------|-----------------|----------|---------------|
| Bound Styrene Content | Internal Method | % wt | 37 |
| Specific gravity | ASTM D 792 | g/cc | 0,95 |
| Melt Flow Index* | ASTM D 1238 | g/10 min | <1 |
| Volatile Matter | ASTM D 5668 | % | 1 max |
| Hardness** | ASTM D 2240 | Sh A | 90 |
| Brookfield Viscosity*** | Internal Method | Pa · s | 23 |

*190°C, 5 kg

**Measured on ASTM D 4703 compression molded specimens

***Xylene sol., 25% wt

Key Features

Europrene® SOL T 6306 is a block copolymer designed for bitumen modification in waterproofing membranes applications. The grade imparts excellent mechanical properties and elasticity to the modified bitumen. The radial structure and the high styrene block content assure outstanding performance under service conditions, particularly in the high temperature range.

Main Applications

Europrene® SOL T 6306 is designed for bitumen modification in waterproofing systems.

Physical Form

Europrene® SOL T 6306 is produced in Ravenna Plant (Italy) in granule form (G) and powder form (P).

Packaging

Available in bags on pallet and big bags. 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 Granule form (G) : 18 months, Powder form (P) : 8 months

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

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