versalis

Technical Data Sheet

Europrene®

SBS

SOL T 172 C

Styrene/Butadiene Block Copolymer

Europrene® SOL T 172 C is a radial block copolymer obtained by anionic polymerization. The polymer is based on styrene and butadiene. The polymer is extended with a clear paraffinic oil (45 phr). A non-staining, TNPP free antioxidant system is added during the production process.

Main Properties	Test Method	Unit	Typical Value
Bound Styrene Content	Internal Method	% wt	31
Melt Flow Index*	ASTM D 1238	g/10 min	9,0
Hardness**	ASTM D 2240	Sh A	48
Volatile Matter	ASTM D 5668	%	0,6 max
Specific gravity	ASTM D 792	g/cc	0,92

*190°C, 5 kg

**Measured on ASTM D 4703 compression molded specimens

Key Features

Europrene® SOL T 172 C is a block copolymer with radial molecular structure, where the oil addition allows extremely good flow characteristics and an easy processability. The grade provides excellent mechanical properties and outstanding abrasion resistance, in a wide range of formulated products. The clear paraffinic oil allows to get finished items with excellent color stability.

Main Applications

The polymer is used as a high strength base in formulated compounds for footwear and technical applications.

Physical Form

Europrene® SOL T 172 C is produced in Ravenna Plant (Italy) in pellet form.

Packaging

Available in bags on pallet, big bags and wooden crates. 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: 18 months

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