



versalis

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Technical Data Sheet

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EUROPRENE[®]

SBS

SOL T 172 C

Styrene - Butadiene Block Copolymer

Europrene[®] SOL T 172 C is a radial block copolymer obtained by anionic polymerisation. The polymer is based on styrene and butadiene, where bound styrene is 31 % wt. The polymer is extended with a clear paraffinic oil (45 phr). A non-staining, TNPP free antioxidant system is added during the production process.

Properties	Test Method	Unit	Typical Value
Specific gravity	ASTM D 792	g/cc	0,92
Hardness ¹⁾	ASTM D 2240	Sh A	48
Melt Flow Index	ASTM D 1238	g/10 min	9,0 (190°C, 5 Kg)

1) 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

Used as a high strength base in formulated compounds for footwear and technical applications, the grade is also used in the modification of polymers and in plastic recycling.

Physical Form

The product is supplied from 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

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

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