



## Technical Data Sheet

# Europrene®

SBS

# SOL T 177 C

Styrene/Butadiene Block Copolymer

Europrene® SOL T 177 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 (40 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	50
Melt Flow Index*	ASTM D 1238	g/10 min	15,0
Hardness**	ASTM D 2240	Sh A	86
Volatile Matter	ASTM D 5668	%	0,6 max
Specific gravity	ASTM D 792	g/cc	0,94

\*190°C, 5 kg

\*\*Measured on ASTM D 4703 compression molded specimens

## Key Features

Europrene® SOL T 177 C is a block copolymer with radial molecular structure, providing excellent mechanical properties, high strength and elasticity in a wide range of formulated products. The clear paraffinic oil allows an outstanding color stability in the finished items.

## Main Applications

Used as a high strength base in formulated compounds for footwear, the grade is specifically designed for high hardness compounds.

## Physical Form

Europrene® SOL T 177 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

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

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