



versalis

## Technical Data Sheet

### EUROPRENE<sup>®</sup>

SBS

### SOL T 166

Styrene - Butadiene Block Copolymer

Europrene<sup>®</sup> SOL T 166 is a linear block copolymer obtained by anionic polymerisation. The polymer is based on styrene and butadiene, where bound styrene is 30 % wt.  
A non-staining antioxidant system is added during the production process.

Properties	Test Method	Unit	Typical Value
Specific gravity	ASTM D 792	g/cc	0.94
Tensile strength <sup>1)</sup>	ASTM D 412	MPa	20.0
Elongation at break <sup>1)</sup>	ASTM D 412	%	800
300% Modulus <sup>1)</sup>	ASTM D 412	MPa	2.5
Hardness <sup>1)</sup>	ASTM D 2240	Sh A	72
Melt Flow Index	ASTM D 1238	g/10 min	6.0 (190°C, 5 Kg)
Brookfield Viscosity	ASTM D 1084	Pa .s	1.3 (Toluene sol., 25% wt)

1) Measured on ASTM D 4703 compression molded specimens

### Key Features

Europrene<sup>®</sup> SOL T 166 is a linear block copolymer, providing excellent dispersability and processability, combined with high strength and elasticity.

### Main Applications

Characterized by the excellent dispersability and processability, the grade is widely used in adhesive formulated products, in compounding for both footwear and technical applications and as a toughening agent in polymer modification and plastic recycling. The grade is also suitable for bitumen modification in both waterproofing membranes and road pavement applications.

### Physical Form

Europrene<sup>®</sup> SOL T 166 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

