



versalis

## Technical Data Sheet

### EUROPRENE<sup>®</sup>

SBS

### SOL T 6306

Styrene - Butadiene Block Copolymer

Europrene<sup>®</sup> SOL T 6306 is a radial block copolymer obtained by anionic polymerisation. The polymer is based on styrene and butadiene, where bound styrene is 37 % 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	0.95
Tensile strength <sup>1)</sup>	ASTM D 412	MPa	29.0
Elongation at break <sup>1)</sup>	ASTM D 412	%	1100
300% Modulus <sup>1)</sup>	ASTM D 412	MPa	1.6
Hardness <sup>1)</sup>	ASTM D 2240	Sh A	90
Melt Flow Index	ASTM D 1238	g/10 min	<1 (190°C, 5 Kg)
Brookfield Viscosity	ASTM D 1084	Pa .s	22 (Toluene sol., 25% wt)

1) Measured on ASTM D 4703 compression molded specimens

### Key Features

Europrene<sup>®</sup> 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

Bitumen modification in waterproofing systems, formulated compounds for shoe soles and technical goods

### Physical Form

Europrene<sup>®</sup> SOL T 6306 is produced in Ravenna Plant (Italy) in pellet form (G) and powder form (P).

### 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 : Pellet form (G) : 18 months, Powder form (P) : 8 months

