

**EUOPRENE®**

SBS

SOL T 166

Styrene - Butadiene Block Copolymer

Euoprene® 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 ¹⁾	ASTM D 412	MPa	20.0
Elongation at break ¹⁾	ASTM D 412	%	800
300% Modulus ¹⁾	ASTM D 412	MPa	2.5
Hardness ¹⁾	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

Euoprene® 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

Euoprene® 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

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

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