



versalis

Technical Data Sheet

EUROPRENE[®]

SBS

SOL T 6320

Styrene - Butadiene Block Copolymer

Europrene[®] SOL T 6320 is a linear block copolymer obtained by anionic polymerisation. The polymer is based on styrene and butadiene, where bound styrene is 31 % wt and diblock content is 75 %. 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	ASTM D 412	MPa	6.0
Elongation at break ¹⁾	ASTM D 412	%	1200
300% Modulus ¹⁾	ASTM D 412	MPa	3.0
Hardness ¹⁾	ASTM D 2240	Sh A	64
Melt Flow Index	ASTM D 1238	g/10 min	11.0 (190°C, 5 Kg)
Brookfield Viscosity	ASTM D 1084	Pa.s	0.6 (Toluene sol., 25% wt)

1) Measured on ASTM D 4703 compression molded specimens

Key Features

Europrene[®] SOL T 6320 is a linear block copolymer, characterised by excellent dispersability and extremely easy processability.

Main Applications

Designed for bitumen modification, where high compatibility and easy dispersability are requested, Europrene[®] SOL T 6320 provides very low viscosity to bituminous binders. The high diblock content also assures excellent performance in adhesive applications, including bituminous self adhesive membranes. Characterized by the excellent processability, SOL T 6320 can be used in polymer modification and plastic recycling.

Physical Form

Europrene[®] SOL T 6320 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

