



versalis

Technical Data Sheet

EUROPRENE[®]

SBS

SOL T 161C

Styrene - Butadiene Block Copolymer

Europrene[®] SOL T 161C is a radial 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	18.0	
Elongation at break ¹⁾	ASTM D 412	%	700	
300% Modulus ¹⁾	ASTM D 412	MPa	2.5	
Hardness ¹⁾	ASTM D 2240	Sh A	82	
Melt Flow Index	ASTM D 1238	g/10 min	<1	(190°C, 5 Kg)
Brookfield Viscosity	ASTM D 1084	Pa .s	7.5	(Toluene sol., 25% wt)

1) Measured on ASTM D 4703 compression molded specimens

Key Features

Europrene[®] SOL T 161C is a block copolymer with radial molecular structure, providing excellent mechanical properties, high strength and elasticity in a wide range of formulated products.

Main Applications

Used in bitumen modification in waterproofing membranes and road pavement. The grade is also used in solvent based adhesives and in formulated compounds for footwear and technical applications.

Physical Form

Europrene[®] SOL T 161C is produced in Ravenna Plant (Italy) in pellet form (G).

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

