



versalis

Technical Data Sheet

www.versalis.eni.com

info.elastomers@versalis.eni.com

EUROPRENE[®]

SBS

SOL T 161B

Styrene - Butadiene Block Copolymer

Europrene[®] SOL T 161B 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	20 (Toluene sol., 25% wt)

1) Measured on ASTM D 4703 compression molded specimens

Key Features

Europrene[®] SOL T 161B 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

Bitumen modification for waterproofing membranes used in roofing and bridge insulation, road paving and pipe coating applications.

Physical Form

Europrene[®] SOL T 161B 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

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

The information and data presented herein are to the best of our knowledge true and accurate, but no warranty or guarantee, expressed or implied, is made nor is any liability accepted with respect to the use of such information and data.