



versalis

Technical Data Sheet

EUROPRENE[®]

SIS

SOL T 9133

Styrene - Isoprene Block Copolymer

Europrene[®] SOL T 9133 is a linear block copolymer obtained by anionic polymerisation. The polymer is based on styrene and isoprene, where bound styrene content is 16 % wt and diblock content is 55 %. A non-staining, TNPP free antioxidant system is added during the production process.

Properties	Test Method	Unit	Typical Value
Specific gravity	ASTM D 792	g/cc	0.92
Tensile strength ¹⁾	ASTM D 412	MPa	4.0
Elongation at break ¹⁾	ASTM D 412	%	1300
300% Modulus ¹⁾	ASTM D 412	MPa	0.5
Hardness ¹⁾	ASTM D 2240	Sh A	20
Melt Flow Index	ASTM D 1238	g/10 min	14.0 (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 9133 is a block copolymer with linear molecular structure and very high diblock content, designed for hot melt pressure sensitive applications where excellent tack performance, combined with softness and low viscosity, are required.

Main Applications

Hot-melt pressure sensitive adhesives for labels or high tack tapes.

Physical Form

The product is supplied from 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

