



versalis

Technical Data Sheet

EUROPRENE[®]

SIS

SOL T 190

Styrene - Isoprene Block Copolymer

Europrene[®] SOL T 190 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 25 %. 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	12.0
Elongation at break ¹⁾	ASTM D 412	%	1200
300% Modulus ¹⁾	ASTM D 412	MPa	1.0
Hardness ¹⁾	ASTM D 2240	Sh A	30
Melt Flow Index	ASTM D 1238	g/10 min	9.0 (190°C, 5 Kg)
Brookfield Viscosity	ASTM D 1084	Pa .s	1.0 (Toluene sol., 25% wt)

1) Measured on ASTM D 4703 compression molded specimens

Key Features

Europrene[®] SOL T 190 is an easy processable, general purpose grade, characterised by an optimum balance of adhesive and cohesive properties.

Main Applications

The polymer is designed for hot melt pressure-sensitive adhesive applications. Europrene[®] SOL T 190 is also used in bitumen modification when enhanced adhesive properties are required.

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

