

Styreflex PG77

Styrene Butadiene Copolymer (SBC)

TECHNICAL DATASHEET

DESCRIPTION

Styreflex® PG77 is a styrene butadiene block copolymer (SBC) with the properties of a thermoplastic elastomer (S-TPE) suitable for extrusion and injection molding. The high resilience and puncture resistance makes Styreflex® PG77 particularly suitable to be used as film in packaging applications.

FEATURES

- High transparency
- Very high elongation at break
- High resilience
- High puncture resistance
- Good printability

APPLICATIONS

- Stretch hood
- Packaging

Property, Test Condition	Standard	Unit	Values
Rheological Properties			
Melt Volume Rate, 200 °C/5 kg	ISO 1133	cm³/10 min	14
Mechanical Properties			
Tensile Modulus	ISO 527	MPa	120
Tensile Strain at Break, 23 °C	ISO 527	%	450
Optical Properties			
Haze	ASTM D 1003	%	1
Other Properties			
Density	ISO 1183	kg/m³	990

Typical values for uncolored products

Please note that all processing data stated are only indicative and may vary depending on the individual processing complexities.

Please consult our local sales or technical representatives for details.

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DISCLAIMER

The above mentioned data are accurate to the best of our knowledge. They are based upon reputable labs and industry standard testing methods. These are only typical values and actual product specification may deviate at industrial range. Therefore, no data in this technical data sheet shall constitute a warranty or representation regarding product features, fitness of the product for a specific purpose or application or its processability. INEOS Styrolution disclaims all liability in connection therewith. The customer himself is required to verify whether or not the product is suitable for the further processing or application intended and whether or not the product complies with the relevant statutory requirements. Unless explicitly and individually otherwise agreed in writing, INEOS Styrolution's sole and exclusive liability with respect to its products is set forth in INEOS Styrolution's General Terms and Conditions for Sale.