

Generic SIS

Styrene Isoprene Styrene Block Copolymer

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic SIS

This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.918 to 1.04	g/cm ³	ASTM D792
23°C	0.918 to 0.938	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			
200°C/5.0 kg	1.0 to 41	g/10 min	ASTM D1238
200°C/5.0 kg	9.0 to 9.4	g/10 min	ISO 1133
Solution Viscosity	120 to 1200	mPa·s	ASTM D445
Bound Styrene	15.0 to 30.0	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			
23°C	23 to 87		ASTM D2240
23°C	30 to 50		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain, 23°C)	0.345 to 8.96	MPa	ASTM D412
Tensile Strength (Yield, 23°C)	6.16 to 32.4	MPa	ASTM D412
Tensile Elongation (Break, 23°C)	750 to 1400	%	ASTM D412

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