

Generic SEBS - Unspecified

Styrene Ethylene Butylene Styrene Block Copolymer

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic SEBS - Unspecified
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement		Filler	
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.940 - 1.18	g/cm ³	ASTM D792
23°C	1.02 - 1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	28 - 36	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			
23°C	18 - 93		ASTM D2240
23°C	20 - 91		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% strain, 23°C	0.300 - 1.43	MPa	ASTM D412
300% strain, 23°C	0.630 - 8.20	MPa	ASTM D412
Tensile Strength			ASTM D412
Yield, 23°C	5.47 - 11.1	MPa	ASTM D412
Fracture, 23°C	5.00 - 17.5	MPa	ASTM D412
Tensile Elongation (Break, 23°C)	650 - 950	%	ASTM D412
Tear Strength (23°C)	16.0 - 36.0	kN/m	ASTM D624
Compression Set	33 - 72	%	ASTM D395
Injection	Nominal Value	Unit	
Rear Temperature	160 - 180	°C	
Middle Temperature	170 - 180	°C	
Front Temperature	180 - 181	°C	
Nozzle Temperature	175 - 191	°C	
Processing (Melt) Temp	160 - 250	°C	
Mold Temperature	30.0 - 45.0	°C	
Injection instructions			

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