

PolyOne Elastamax™ HTE 1102 Styrene Butadiene Block Copolymer (SBC)

Category : Polymer , Thermoplastic , Styrene-Butadiene , Styrene-Butadiene Copolymer, SBC

Material Notes:

Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Elastamax-HTE-1102-Styrene-Butadiene-Block-Copolymer-SBC.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.918 g/cc	0.918 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.018 - 0.020 cm/cm	0.018 - 0.020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	47	47	ASTM D2240
Tensile Strength at Break	3.79 - 4.14 MPa	550 - 600 psi	510 mm/min; ASTM D412A
Elongation at Break	900 %	900 %	510 mm/min; ASTM D412A
Tear Strength	19.8 kN/m	113 pli	Die C, 510 mm/min; ASTM D624

Descriptive Properties	Value	Comments
Features	General Purpose	
Forms	Pellets	
Generic Material	SBC	
Generic Name	Styrene Butadiene Block Copolymer (SBC)	
Processing Method	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Automotive Interior Parts	
	Consumer Applications	
	General Purpose	

Descriptive Properties	Value	trial Applications	Comments
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