

PolyOne Elastamax™ HTE 1105 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-1105-Styrene-Butadiene-Block-Copolymer-SBC.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.938 g/cc	0.938 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40	40	ASTM D2240
Tensile Strength at Break	8.89 MPa	1290 psi	510 mm/min; ASTM D412A
Tensile Stress	1.59 MPa @Strain 100 %	231 psi @Strain 100 %	510 mm/min; ASTM D412A
	2.28 MPa @Strain 300 %	331 psi @Strain 300 %	510 mm/min; ASTM D412A
Elongation at Break	1100 %	1100 %	510 mm/min; ASTM D412A
Tear Strength	29.8 kN/m	170 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 Descriptive Properties	Automotive Interior Parts Value	Comments
	Consumer Applications	
	General Purpose	
	Industrial Applications	

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