

PolyOne Gravi-Tech™ GRV-TP-050-CU-NAT 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-Gravi-Tech-GRV-TP-050-CU-NAT-Styrene-Butadiene-Block-Copolymer-SBC.php

Physical Properties	Metric	English	Comments
Specific Gravity	4.99 g/cc	4.99 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.037 cm/cm	0.037 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	30	30	ASTM D2240
Tensile Strength, Yield	1.38 MPa	200 psi	Type I, 5.1 mm/min; ASTM D638
Elongation at Break	700 %	700 %	Type I, 5.1 mm/min; ASTM D638

Processing Properties	Metric	English	Comments
Melt Temperature	163 - 204 °C	325 - 399 °F	
Mold Temperature	15.6 - 37.8 °C	60.1 - 100 °F	
Drying Temperature	76.7 °C	170 °F	

Descriptive Properties	Value	Comments
Appearance	Natural Color	
Features	High Specific Gravity	
	Non-Toxic	
Forms	Pellets	
Generic Material	SBC	
Generic Name	Styrene Butadiene Block Copolymer (SBC)	
Processing Method	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	

Descriptive Properties	Value	Comments
	North America	
	South America	
Uses	Industrial Applications	
	Medical/Healthcare Applications	
	Projectiles	
	Sporting Goods	
	Weighting & Balancing	

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