

BLUESTAR 403HF-G30 PBT, 30% Glass Filled

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 30% Glass Fiber Filled

Material Notes:

Typical Applications: Halogen Free; E/E connectors, sockets
Information provided by Polymer Technology and Services, LLC (PTS).

Order this product through the following link:

http://www.lookpolymers.com/polymer_BLUESTAR-403HF-G30-PBT-30-Glass-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.55 g/cc	1.55 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0040 cm/cm	0.0040 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0080 cm/cm	0.0080 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	96.0 MPa	13900 psi	ASTM D638
Flexural Strength	150 MPa	21800 psi	ASTM D790
Flexural Modulus	8.50 GPa	1230 ksi	ASTM D790
Izod Impact, Notched (ISO)	10.0 kJ/m ²	4.76 ft-lb/in ²	ASTM D256
Izod Impact, Unnotched (ISO)	60.0 kJ/m ²	28.6 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0 @Thickness 0.800 mm	V-0 @Thickness 0.0315 in	
Glow Wire Test	750 °C	1380 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+16 ohm-cm	2.00e+16 ohm-cm	ASTM D257
Dielectric Strength	24.0 kV/mm	610 kV/in	ASTM D149

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