

BLUESTAR® PBT 403HF-G20

Polybutylene Terephthalate

Nantong Zhonglan Engineering Plastics Co., Ltd.

Message:

BLUESTAR® PBT 403HF-G20 is a Polybutylene Terephthalate (PBT) product filled with 20% glass fiber. It is available in Asia Pacific or North America.
Typical application: Electrical/Electronic Applications.
Characteristics include:
Flame Rated
Halogen Free

General Information			
UL YellowCard	E255317-100152491		
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Halogen Free		
Uses	Connectors		
	Electrical/Electronic Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.40	%	
Across Flow	0.80	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	90.0	MPa	ASTM D638
Flexural Modulus	7600	MPa	ASTM D790
Flexural Strength	140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	7.00	kJ/m ²	ASTM D256
Unnotched Izod Impact (Area) (23°C)	50.0	kJ/m ²	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	2.0E+16	ohms·cm	ASTM D257
Dielectric Strength	24	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.800 mm)	V-0		UL 94
Glow Wire Ignition Temperature	750	°C	

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Recommended distributors for this material

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