

Nanjing Hongrui PBT T1303

Polybutylene Terephthalate

Nanjing Hongrui Engineering Plastics Co., Ltd.

Message:

Nanjing Hongrui PBT T1303 is a Polybutylene Terephthalate (PBT) material filled with 15% glass fiber. It is available in Asia Pacific.

Important attributes of Nanjing Hongrui PBT T1303 are:

Flame Rated

Flame Retardant

Typical application of Nanjing Hongrui PBT T1303: Electrical/Electronic Applications

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
Uses	Connectors		
	Electrical/Electronic Applications		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.40	%	ASTM D955

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	90.0	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	4500	MPa	ASTM D790
Flexural Strength	135	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	6.00	kJ/m²	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	200	°C	ASTM D648
Melting Temperature	225	°C	

Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	ASTM D257
Dielectric Strength	20	kV/mm	ASTM D149

Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94

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