

Nanjing Hongrui PBT T324

Polybutylene Terephthalate

Nanjing Hongrui Engineering Plastics Co., Ltd.

Message:

Nanjing Hongrui PBT T324 is a Polybutylene Terephthalate (PBT) material filled with 20% glass fiber. It is available in Asia Pacific.

Important attributes of Nanjing Hongrui PBT T324 are:

Flame Rated

Good Toughness

Typical applications include:

Automotive

Electrical/Electronic Applications

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Good Toughness		
Uses	Automotive Applications		
	Electrical/Electronic Applications		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.30	%	ASTM D955

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	118		ASTM D785

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	90.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5000	MPa	ASTM D790
Flexural Strength	130	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	12.0	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	19	kV/mm	ASTM D149

Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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