

NEXT SIGNATURE PBT G30-100

Polybutylene Terephthalate

NEXT Specialty Resins, Inc.

Message:

NEXT SIGNATURE PBT G30-100 is a Polybutylene Terephthalate (PBT) material filled with 30% glass fiber. It is available in North America.

Important attributes of NEXT SIGNATURE PBT G30-100 are:

Good Dimensional Stability

Good Stiffness

Typical applications include:

Appliances

Electrical/Electronic Applications

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Dimensional Stability		
	Good Stiffness		
	Good Strength		
Uses	Appliance Components		
	Electrical/Electronic Applications		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.53	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	121	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	72	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	204	°C	ASTM D648

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Recommended distributors for this material

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