

PTS PBT-30GF

Polybutylene Terephthalate

Polymer Technology and Services, LLC

Message:

PTS PBT-30GF is a Polybutylene Terephthalate (PBT) product filled with 30% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Forms	Pellets		
Hardness	Nominal Value	Test Method	
Rockwell Hardness (R-Scale)	118	ASTM D785	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Ultimate)	110	MPa	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Flexural Strength (Yield)	186	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.17 mm)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	204	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating (1.59 mm)	HB	UL 94	

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Recommended distributors for this material

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