

Chiao Fu PBT PBT312G20 BK

Polybutylene Terephthalate

Chiao Fu Enterprises Co., Ltd.

Message:

Chiao Fu PBT PBT312G20 BK is a Polybutylene Terephthalate (PBT) product filled with 20% glass fiber. It is available in Asia Pacific, Europe, or North America.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.49	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	< 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	88.3	MPa	ASTM D638
Tensile Elongation (Break)	< 5.0	%	ASTM D638
Flexural Modulus	5390	MPa	ASTM D790
Flexural Strength	137	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	39	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	205	°C	ASTM D648

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