

Chiao Fu PBT PBT312G30 BK

Polybutylene Terephthalate

Chiao Fu Enterprises Co., Ltd.

Message:

Chiao Fu PBT PBT312G30 BK is a Polybutylene Terephthalate (PBT) product filled with 30% glass fiber. It is available in Asia Pacific, Europe, or North America.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.55	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	< 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	98.1	MPa	ASTM D638
Tensile Elongation (Break)	< 5.0	%	ASTM D638
Flexural Modulus	6860	MPa	ASTM D790
Flexural Strength	147	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210	°C	ASTM D648

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

