

EMPBT® GFR 30

Polybutylene Terephthalate

EMAS Plastik San.Tic.AS.

Message:

PBT %30 glass fiber

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Density	1.45 to 1.55	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	4.0 to 14	g/10 min	ISO 1133
Molding Shrinkage	0.30 to 0.50	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	70 to 80		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5000 to 7500	MPa	ISO 527-2
Tensile Stress (Yield)	40.0 to 60.0	MPa	ISO 527-2
Tensile Strain (Break)	> 4.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 4.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	150	°C	ISO 75-2/A
Vicat Softening Temperature	160	°C	ISO 306/B
Melting Temperature (DSC)	230	°C	ISO 3146

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Recommended distributors for this material

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