

CARBEM® GFR 30

Polycarbonate

EMAS Plastik San.Tic.AS.

Message:

PC %30 glass fiber

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Density	1.35 to 1.50	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	4.0 to 12	g/10 min	ISO 1133
Molding Shrinkage	0.25 to 0.40	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	75 to 85		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500 to 5000	MPa	ISO 527-2
Tensile Stress (Yield)	50.0 to 70.0	MPa	ISO 527-2
Tensile Strain (Break)	> 6.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 6.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	125	°C	ISO 75-2/A
Vicat Softening Temperature	145	°C	ISO 306/B
Melting Temperature (DSC)	270	°C	ISO 3146

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Recommended distributors for this material

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