

CARBEM® GFR 5

Polycarbonate

EMAS Plastik San.Tic.AS.

Message:

PC %5 glass fiber reinforced

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Density	1.25 to 1.35	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	0.35 to 0.50	%	
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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

