

Fiberfil® J-60/40/E

Polypropylene Homopolymer

Fiberfil® Engineered Plastics Inc.

Message:

Fiberfil® J-60/40/E is a Polypropylene Homopolymer (PP Homopolymer) material filled with 40% glass fiber. It is available in North America.

Important attributes of Fiberfil® J-60/40/E are:

Chemically Coupled

Homopolymer

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Features	Chemically Coupled		
	Homopolymer		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Molding Shrinkage - Flow			ASTM D955
3.18 mm	0.20	%	
6.35 mm	0.30	%	
Water Absorption (24 hr)	0.030	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (23°C)	95.0	MPa	ISO 527-2
Flexural Modulus (23°C)	6000	MPa	ISO 178
Flexural Stress (23°C)	145	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	13	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	157	°C	
1.8 MPa, Unannealed	152	°C	

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Recommended distributors for this material

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