

Fiberfil® J-60/15/UV/HS

Polypropylene Homopolymer

Fiberfil® Engineered Plastics Inc.

Message:

Fiberfil® J-60/15/UV/HS is a Polypropylene Homopolymer (PP Homopolymer) material filled with 15% glass fiber. It is available in North America.

Important attributes of Fiberfil® J-60/15/UV/HS are:

Heat Stabilizer

Homopolymer

UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber, 15% Filler by Weight		
Additive	Heat Stabilizer		
	UV Stabilizer		
Features	Heat Stabilized		
	Homopolymer		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.998	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow			ASTM D955
3.18 mm	0.40 to 0.50	%	
6.35 mm	0.50 to 0.60	%	
Water Absorption (24 hr)	0.030	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100 to 110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2760	MPa	ASTM D638
Tensile Strength (23°C)	62.1	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	3.5	%	ASTM D638
Flexural Modulus - Tangent (23°C)	2600	MPa	ASTM D790
Flexural Strength (23°C)	65.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	149	°C	
1.8 MPa, Unannealed	138	°C	

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Recommended distributors for this material

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