

Fiberfil® J-60/10/CC/30/E NATL

Polypropylene Homopolymer

Fiberfil® Engineered Plastics Inc.

Message:

Fiberfil® J-60/10/CC/30/E NATL is a polypropylene homopolymer (PP Homopoly) material, which contains 10% glass fiber reinforcement and 30% calcium carbonate filler. This product is available in North America.

Fiberfil® The main features of J-60/10/CC/30/E NATL are:

Chemical coupling

Homopolymer

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight		
	Calcium carbonate filler, 30% filler by weight		
Features	Chemical coupling		
	Homopolymer		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	35.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	4.0	%	ISO 527-2
Flexural Modulus (23°C)	2500	MPa	ISO 178
Flexural Stress (23°C)	65.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	5.0	kJ/m ²	ISO 180/1A
Injection	Nominal Value	Unit	
Drying Temperature	76.7	°C	
Drying Time	2.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	199 - 210	°C	
Middle Temperature	204 - 227	°C	
Front Temperature	182 - 199	°C	
Nozzle Temperature	182 - 193	°C	
Processing (Melt) Temp	199 - 232	°C	
Mold Temperature	32.2 - 71.1	°C	
Injection Rate	Slow-Moderate		
Back Pressure	0.00 - 0.689	MPa	

Injection instructions

Screw speed: Medium

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Recommended distributors for this material

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