

Fiberfil® PP-60/TC/20/FD

Polypropylene Homopolymer

Fiberfil® Engineered Plastics Inc.

Message:

Fiberfil® PP-60/TC/20/FD is a Polypropylene Homopolymer (PP Homopolymer) material filled with 20% talc. It is available in North America. Primary attribute of Fiberfil® PP-60/TC/20/FD: Homopolymer.

Typical application of Fiberfil® PP-60/TC/20/FD: Food Contact Applications

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Features	Homopolymer		
Agency Ratings	FDA Unspecified Rating		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow			ASTM D955
3.18 mm	1.0	%	
6.35 mm	1.2	%	
Water Absorption (24 hr)	0.030	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90 to 95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2550	MPa	ASTM D638
Tensile Strength (23°C)	34.5	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	20	%	ASTM D638
Flexural Modulus - Tangent (23°C)	2340	MPa	ASTM D790
Flexural Strength (23°C)	48.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	132	°C	
1.8 MPa, Unannealed	82.2	°C	

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Recommended distributors for this material

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