

Fiberfil® M-2450

Polypropylene Copolymer
Fiberfil® Engineered Plastics Inc.

Message:
Fiberfil® M-2450 is a polypropylene copolymer (PP Copoly) material. This product is available in North America.

General Information			
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.0	%	ASTM D955
Water Absorption (24 hr)	0.020	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	26.2	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	77	%	ASTM D638
Flexural Modulus - Tangent (23°C)	1450	MPa	ASTM D790
Flexural Strength (23°C)	40.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	25	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	95.0	°C	ASTM D648
1.8 MPa, not annealed	57.2	°C	ASTM D648
Injection	Nominal Value	Unit	
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	37.8 - 71.1	°C	
Injection Rate	Moderate-Fast		
Back Pressure	0.345	MPa	
Injection instructions			
Screw speed: Medium to Fast			

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Recommended distributors for this material

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