

Petlon R-Prime F3-G30-00-BK

Polypropylene

Petlon Polymers Ltd

Message:

100% Recycled Polypropylene, 30% Glass Reinforced, Black, Compound

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Recycled Content	Yes,100%		
Appearance	Black		
Forms	Granules		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	6.0 to 16	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	50.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	30	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	160	°C	ISO 11357-3
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	180 to 220	°C	
Mold Temperature	30.0 to 50.0	°C	

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Recommended distributors for this material

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