

Petlon R-Prime A2-G50-00-BK

Polyamide 6

Petlon Polymers Ltd

Message:

Nylon 6, 50% Glass Reinforced, Black Compound, Containing Recycled Content.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 50% filler by weight		
Recycled Content	Yes		
Appearance	Black		
Forms	Particles		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.60	g/cm ³	ISO 1183
Molding Shrinkage	0.20 - 0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	200	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	18	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	70	kJ/m ²	ISO 179/1eU
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 - 4.0	hr	
Processing (Melt) Temp	260 - 290	°C	
Mold Temperature	70.0 - 120	°C	

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Recommended distributors for this material

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