

Petlon Prime A1-G15-00-NT

Polyamide 6

Petlon Polymers Ltd

Message:

Prime Nylon 6, 15% Glass Reinforced, Natural Compound.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Appearance	Natural Color		
Forms	Granules		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183
Molding Shrinkage	0.30 to 0.80	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	125	MPa	ISO 527-2
Tensile Strain (Break)	3.5 to 4.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	7.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	50	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 to 4.0	hr	
Processing (Melt) Temp	260 to 280	°C	
Mold Temperature	70.0 to 120	°C	

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