

# Petlon Prime A2-G30-00-NT

Polyamide 6

Petlon Polymers Ltd

## Message:

Nylon 6, 30% Glass Reinforced, Natural Compound, Containing Recycled Content.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Recycled Content	Yes		
Appearance	Natural color		
Forms	Particles		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage	0.30 - 0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	150	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.0	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	60	kJ/m <sup>2</sup>	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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