

Megalon® PA-6/12 GF33L BK

Polyamide 6/12 Copolymer

Mega Polymers

Message:

Megalon® PA6/12 GF33L is a 33% glass fiber reinforced nylon 6/12. This resin is specifically suited for applications requiring low moisture absorption and greater dimensional stability. This grade of Megalon® is only available in black

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Features	Good Dimensional Stability		
	Low Moisture Absorption		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	168	MPa	ISO 527-2
Tensile Strain (Break)	3.2	%	ISO 527-2
Flexural Modulus	8200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	13	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	200	°C	ISO 75-2/A
Melting Temperature	218	°C	ISO 11357-3
Injection	Nominal Value	Unit	
Suggested Max Moisture	0.15	%	
Processing (Melt) Temp	277 to 299	°C	
Mold Temperature	71.1 to 98.9	°C	

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Recommended distributors for this material

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