

Megalon® 130GF-WHT100

Polyamide 66
Mega Polymers

Message:

Megalon® PA66 GF30 is a 30-33% glass fiber reinforced nylon 66 offering an excellent balance of high temperature performance, dimensional stability, tensile strength, and impact resistance. This grade of Megalon is pre-colored white

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer Lubricant		
Features	Good Dimensional Stability Good Impact Resistance Heat Stabilized High Tensile Strength Lubricated		
Appearance	White		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	172	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	9380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	252	°C	ASTM D648
Peak Melting Temperature	261	°C	ASTM D3418
Injection	Nominal Value	Unit	
Suggested Max Moisture	0.20	%	
Processing (Melt) Temp	288 to 304	°C	
Mold Temperature	65.6 to 98.9	°C	

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