

Megalon® 113GL

Polyamide 66
Mega Polymers

Message:

Megalon® 113GL is a 13% glass fiber reinforced, nylon-6/6 offering an excellent balance of high temperature performance, dimensional stability, tensile strength and impact properties.

General Information			
Filler / Reinforcement	Glass Fiber,13% Filler by Weight		
Features	Good Dimensional Stability		
	Good Impact Resistance		
	High Heat Resistance		
	High Tensile Strength		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	124	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	4860	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	241	°C	ASTM D648
Peak Melting Temperature	263	°C	ASTM D3418
Flammability	Nominal Value	Test Method	
Flame Rating (lab tested only)	HB	UL 94	
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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Recommended distributors for this material

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