

Megalon® PA-6/12 HSL

Polyamide 6/12 Copolymer

Mega Polymers

Message:

Heat stabilized, lubricated, injection grade, polyamide Type 6/12 Nylon

General Information			
Additive	Heat Stabilizer		
	Lubricant		
Features	Heat Stabilized		
	Lubricated		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	64.8	MPa	ISO 527-2
Tensile Strain (Yield)	4.4	%	ISO 527-2
Nominal Tensile Strain at Break	30	%	ISO 527-2
Flexural Modulus	2340	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	56.1	°C	ASTM D648
Peak Melting Temperature	218	°C	ASTM D3418
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0 to 4.0	hr	
Suggested Max Moisture	0.050	%	
Processing (Melt) Temp	232 to 288	°C	
Mold Temperature	48.9 to 93.3	°C	

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Recommended distributors for this material

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