

Megalon® 200L BK010

Polyamide 6

Mega Polymers

Message:

General purpose, lubricated, nylon Type-6 molding resin

General Information			
Additive	Lubricant		
Features	General Purpose		
	Lubricated		
Uses	General Purpose		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	86.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Nominal Tensile Strain at Break	30	%	ISO 527-2
Flexural Modulus	2800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179/1e
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	75.0	°C	ISO 75-2/A
Peak Melting Temperature	218	°C	ASTM D3418
RTI Str (1.50 mm)	85.0	°C	UL 746
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Injection	Nominal Value	Unit	
Suggested Max Moisture	0.20	%	
Processing (Melt) Temp	243 to 260	°C	
Mold Temperature	65.0 to 120	°C	

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Recommended distributors for this material

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