

MAXAMID™ N66-MOS3 BK

Polyamide 6

Pier One Polymers, Inc.

Message:

MAXAMID™N66-MOS3 is a Nylon 66 with 3% Molybdenum Disulfide incorporated to provide excellent lubricity which significantly reduces the friction and improves the wear properties of injection molded parts.

General Information			
Additive	Molybdenum Disulfide Lubricant (3%)		
Features	Good Wear Resistance		
	Low Friction		
	Lubricated		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	82.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	20	%	ASTM D638
Flexural Modulus (23°C)	3450	MPa	ASTM D790
Flexural Strength (23°C)	138	MPa	ASTM D790
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)	83.8	°C	ASTM D648
Melting Temperature	254	°C	DSC
Injection	Nominal Value	Unit	
Suggested Max Moisture	< 0.20	%	
Processing (Melt) Temp	290 to 305	°C	
Mold Temperature	38.0 to 93.0	°C	

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Recommended distributors for this material

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