

MAXAMID™ N66-MOS4 BK

Polyamide 6
Pier One Polymers, Inc.

Message:
MAXAMID™N66-MOS4 is a Nylon 66 with 4% 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		
Features	Good Wear Resistance		
	Low Friction		
	Lubricated		
Appearance	Black		
	Natural Color		
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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