

Nylene® NX4569

Polyamide 6
Custom Resins Group

Message:

General purpose injection molding resin. lubricated and nucleated for faster cycle times
Suitable for applications such as clips & fasteners, bushings & rollers, and other general purpose uses

General Information			
Additive	Lubricant		
	Nucleating Agent		
Features	Fast Molding Cycle		
	General Purpose		
	Lubricated		
	Nucleated		
Uses	Bushings		
	Fasteners		
	General Purpose		
	Rollers		
Processing Method		Injection Molding	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	76.5	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	40	%	ASTM D638
Flexural Modulus (23°C)	2620	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648
Peak Melting Temperature	220	°C	ASTM D3418

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Recommended distributors for this material

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