

Nylene® Mach 6

Polyamide 6

Custom Resins Group

Message:

Designed for very fast cycle time molding and parts requiring high flow rates, such as long thin parts or high cavitation tools
Low viscosity nylon 6 with special nucleation for rapid part set-up and special flow enhancers to aid in molding
Excellent choice for parts such as wire ties, clips, fasteners, bushings and bearings

General Information			
Features	Fast Molding Cycle		
	High Flow		
	Low Viscosity		
Uses	Bearings		
	Bushings		
	Fasteners		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	75.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	25	%	ASTM D638
Flexural Modulus (23°C)	2900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	180	°C	ASTM D648
Peak Melting Temperature	220	°C	ASTM D3418

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Recommended distributors for this material

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