

Nylene® 401D

Polyamide 6

Custom Resins Group

Message:

Specially formulated nylon 6 molding resin possessing outstanding flow characteristics
Ideally suited for applications requiring high flow properties and resistance to cracking
Optimum processing conditions should provide a melt temperature of 450 - 470°F at nozzle

General Information			
Features	Good Crack Resistance		
	High Flow		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	79.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	40	%	ASTM D638
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			ASTM D648
0.45 MPa, Unannealed	182	°C	
1.8 MPa, Unannealed	67.8	°C	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	232 to 243	°C	

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Recommended distributors for this material

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