

Nylene® 4004 HS

Polyamide 6

Custom Resins Group

Message:

General purpose nylon 6 Economy Grade resin.

General Information			
Features	General Purpose		
Uses	General Purpose		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	44.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	130	%	ASTM D638
Flexural Modulus (23°C)	717	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	600	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	37.8	°C	ASTM D648
Peak Melting Temperature	218	°C	ASTM D3418

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Recommended distributors for this material

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