

Nylene® NX4004A HS BLACK

Polyamide 6

Custom Resins Group

Message:

Nylene NX4004A HS BLACK is a heat stabilized, economy grade nylon for general purpose molding applications. In addition to protection from heat degradation, NX4004A HS BLACK has good flow characteristics at typical processing temperatures for nylon 6. Optimum processing conditions should provide a melt temperature of 450 - 470°F at the nozzle.

General Information			
Additive	Heat Stabilizer		
Features	General Purpose		
	Good Flow		
	Heat Stabilized		
Uses	General Purpose		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	80.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	20	%	ASTM D638
Flexural Modulus (23°C)	3450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Injection	Nominal Value	Unit	
Nozzle Temperature	232 to 243	°C	

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Recommended distributors for this material

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