

# Nylene® 204 HS

Polyamide 6  
Custom Resins Group

Message:

Heat stabilized version general purpose, fast cycling molding resin  
Crystallization initiators provide fast molding cycles through rapid melt set-up  
In addition to protection from heat degradation, parts molded from NYLENE 204 HS have better dimensional stability at moisture equilibrium than parts molded from conventional nylon  
Suitable for molding clip and fasteners, bushings, spacers, and other general purpose applications

General Information	
Additive	Heat Stabilizer
Features	Fast Molding Cycle
	General Purpose
	Good Dimensional Stability
	Heat Stabilized
Uses	Bushings
	Fasteners
	General Purpose

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.90	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	79.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	60	%	ASTM D638
Flexural Modulus (23°C)	2760	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	175	°C	
1.8 MPa, Unannealed	65.6	°C	
Peak Melting Temperature	216	°C	ASTM D3418

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