

Nylene® 203 C

Polyamide 6

Custom Resins Group

Message:

Nylene® 203 C is a Polyamide 6 (Nylon 6) material. It is available in North America for extrusion or injection molding.

Important attributes of Nylene® 203 C are:

High Viscosity

Homopolymer

Nucleated

General Information	
Additive	Nucleating Agent
Features	High Viscosity
	Homopolymer
	Nucleated
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.90	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	82.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	200	%	ASTM D638
Flexural Modulus (23°C)	3450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	184	°C	
1.8 MPa, Unannealed	75.0	°C	
Melting Temperature	216	°C	

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Recommended distributors for this material

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