

Nylene® 190 HS

Polyamide 66
Custom Resins Group

Message:

Nylene® 190 HS is a Polyamide 66 (Nylon 66) material. It is available in North America for extrusion or injection molding.
Important attributes of Nylene® 190 HS are:
Heat Stabilizer
Homopolymer
Medium Viscosity

General Information	
Additive	Heat Stabilizer
Features	Heat Stabilized
	Homopolymer
	Medium Viscosity
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	84.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	70	%	ASTM D638
Flexural Modulus (23°C)	2690	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	243	°C	
1.8 MPa, Unannealed	104	°C	
Melting Temperature	254	°C	

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Recommended distributors for this material

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