

# Nylene® 5105 HS

Polyamide 66

Custom Resins Group

Message:

Heat stabilized, 5% glass fiber-reinforced nylon 6/6 with improved stiffness

General Information	
Filler / Reinforcement	Glass Fiber,5.0% Filler by Weight
Additive	Heat Stabilizer
Features	Good Stiffness
	Heat Stabilized

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	79.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	6.0	%	ASTM D638
Flexural Modulus (23°C)	3100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	149	°C	ASTM D648
Peak Melting Temperature	254	°C	ASTM D3418

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## Recommended distributors for this material

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