

# Nylene® 5133-02

Polyamide 66

Custom Resins Group

Message:

33% glass fiber-reinforced nylon 6/6 molding resin offering the good strength properties expected from glass filled materials.

Economy molding resin

High heat and chemical resistance characteristic of nylon 6/6 GF materials

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Features	Good Chemical Resistance		
	Good Strength		
	High Heat Resistance		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	150	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	7.0	%	ASTM D638
Flexural Modulus (23°C)	7450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	238	°C	ASTM D648
Peak Melting Temperature	263	°C	ASTM D3418

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## Recommended distributors for this material

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