

Nylene® 5130 MS

Polyamide 66

Custom Resins Group

Message:

Low wear 30% glass fiber reinforced nylon 6/6

Provides a low friction and low wear surface while maintaining the high strength and stiffness required from a glass fiber reinforced - Suitable for applications such as bushings and bearings, wear plates, caterpillar tracks, and other parts where wear may be an issue

General Information	
Filler / Reinforcement	Glass Fiber,30% Filler by Weight
Features	Good Wear Resistance
	High Stiffness
	High Strength
	Low Friction
Uses	Bearings
	Bushings

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	154	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.0	%	ASTM D638
Flexural Modulus (23°C)	8270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	254	°C	ASTM D3418

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Recommended distributors for this material

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