

Nylfor® B1 GF/30 H1 N NERO

Polyamide 6

SO.F.TER. SPA

Message:

Low viscosity polyamide 6, 30% glass fiber reinforced, heat stabilized

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	Low Viscosity		
Uses	Automotive Applications		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D792
Molding Shrinkage	0.50	%	Internal Method
Water Absorption (Saturation, 23°C)	6.5	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	160	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	8200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	10	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	204	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		

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Recommended distributors for this material

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