

# Nylfor® B1 GFB/30 UV NERO X2

Polyamide 6

SO.F.TER. SPA

## Message:

Low viscosity polyamide 6, 10% glass fiber and 20% glass bead reinforced, UV stabilized

General Information			
Filler / Reinforcement	Glass Bead,20% Filler by Weight		
	Glass Fiber,10% Filler by Weight		
Additive	UV Stabilizer		
Features	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 <sup>3</sup>	ASTM D792
Molding Shrinkage	0.60	%	Internal Method
Water Absorption (Saturation, 23°C)	6.5	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	112	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	5.5	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	200	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		

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