

Nylfor® A2 GB/30 FR2/3A UV BLACK

Polyamide 66

SO.F.TER. SPA

Message:

Standard viscosity polyamide 66, 30% glass beads reinforced. Flame retardant grade UL94 V-0, UV stabilized

General Information			
UL YellowCard	E187982-100196820		
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Additive	UV Stabilizer		
Features	Flame Retardant		
Agency Ratings	EC 1907/2006 (REACH)		
UL File Number	E187982		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.59	g/cm ³	ASTM D792
Molding Shrinkage	0.70	%	Internal Method
Water Absorption			ISO 62
Saturation, 23°C	6.5	%	
Equilibrium, 23°C, 50% RH	1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5300	MPa	ASTM D638
Tensile Strength (Break)	85.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	4500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C)	26	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	100	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	4.0	hr	
Rear Temperature	260	°C	

Middle Temperature	270	°C
Front Temperature	280	°C
Mold Temperature	60.0 to 80.0	°C

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Recommended distributors for this material

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