

Nylfor® A2 CF/30 H2 NATURALE

Polyamide 66

SO.F.TER. SPA

Message:

Standard viscosity polyamide 66, 30% carbon fiber reinforced

General Information			
Filler / Reinforcement	Carbon Fiber,30% Filler by Weight		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Molding Shrinkage	0.35	%	Internal Method
Water Absorption			ISO 62
Saturation, 23°C	6.5	%	
Equilibrium, 23°C, 50% RH	2.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	20000	MPa	ASTM D638
Tensile Strength (Break)	210	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	16500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.5	kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C)	90	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	250	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+4	ohms	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	4.0	hr	
Rear Temperature	270	°C	
Middle Temperature	285	°C	
Front Temperature	300	°C	

Mold Temperature	80.0 to 90.0	°C
------------------	--------------	----

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

