

Nylfor® 64S1303HO 0001

Polyamide 6

SO.F.TER. SPA

Message:

Standard viscosity polyamide 6, 30% glass fiber reinforced, heat stabilized. Flame retardant grade UL94 V-0, PDB - PBDE free

General Information			
UL YellowCard	E187982-100175017		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
Features	Flame Retardant		
	Heat Stabilized		
Agency Ratings	EC 1907/2006 (REACH)		
UL File Number	E187982		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.62	g/cm³	ASTM D792
Molding Shrinkage	0.40	%	Internal Method
Water Absorption			ISO 62
Saturation, 23°C	5.5	%	
Equilibrium, 23°C, 50% RH	1.5	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9800	MPa	ASTM D638
Tensile Strength (Break)	140	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	8800	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	kJ/m²	ISO 179/1eA
Notched Izod Impact (23°C)	85	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	410	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		

Glow Wire Flammability Index	960	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	4.0	hr	
Rear Temperature	230	°C	
Middle Temperature	250	°C	
Front Temperature	260	°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

