

SCHULAMID® 66 GF 30 FR 2

Polyamide 66
A. Schulman Europe

Message:
30% glass fiber reinforced flame-retardant Polyamide 66 grade; halogen free

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Flame Retardant		
	Halogen Free		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.43	g/cm ³	ISO 1183/A
Viscosity Number	145	cm ³ /g	ISO 307
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11000	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	155	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	2.5	%	ISO 527-2/1A/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	9.0	kJ/m ²	
23°C	9.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	55	kJ/m ²	
23°C	65	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	> 250	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	242	°C	ISO 75-2/Af
Vicat Softening Temperature			
--	> 250	°C	ISO 306/A50
--	229	°C	ISO 306/B50
Ball Pressure Test (200°C)	Pass		IEC 60695-10-2
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	500	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Burning Rate			ISO 3795
0.750 mm, Self-Extinguishing	0.0	mm/min	
1.50 mm, Self-Extinguishing	0.0	mm/min	

3.00 mm, Self-Extinguishing	0.0	mm/min	
Flammability Classification			IEC 60695-11-10, -20
0.750 mm	V-0		
1.50 mm	V-0		
3.00 mm	V-0		
Glow Wire Flammability Index			IEC 60695-2-12
0.750 mm	960	°C	
1.50 mm	960	°C	
3.00 mm	960	°C	
Glow Wire Ignition Temperature			IEC 60695-2-13
0.750 mm	750	°C	
1.50 mm	750	°C	
3.00 mm	750	°C	
Oxygen Index	34	%	ISO 4589-2

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

