

SCHULAMID® 66 GF 30 H

Polyamide 66

A. Schulman Europe

Message:

30% glass fiber reinforced, heat stabilized Polyamide 66

General Information				
UL YellowCard		E86615-252184	E188844-102210970	
Filler / Reinforcement		Glass fiber reinforced material, 30% filler by weight		
Features		Equilibrium rigidity/toughness		
		Good heat aging resistance		
		Oil resistance		
		Medium viscosity		
UL File Number		E86615		
Processing Method		Injection molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.36	--	g/cm ³	ISO 1183/A
Viscosity Number	145	--	cm ³ /g	ISO 307
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	10000	6200	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	180	110	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	3.0	7.0	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	7.0	--	kJ/m ²	ISO 179/1eA
23°C	10	18	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	60	--	kJ/m ²	ISO 179/1eU
23°C	90	95	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, not annealed	> 250	--	°C	ISO 75-2/Bf
1.8 MPa, not annealed	245	--	°C	ISO 75-2/Af
Vicat Softening Temperature	> 250	--	°C	ISO 306/A50, ISO 306/B50
Flammability	Dry	Conditioned	Unit	Test Method
Burning Rate (2.00 mm)	< 100	--	mm/min	ISO 3795

Flammability Classification				IEC 60695-11-10, -20
0.750 mm	HB	--		IEC 60695-11-10, -20
1.50 mm	HB	--		IEC 60695-11-10, -20
3.00 mm	HB	--		IEC 60695-11-10, -20
Glow Wire Flammability Index				IEC 60695-2-12
1.50 mm	--	650	°C	IEC 60695-2-12
3.00 mm	--	650	°C	IEC 60695-2-12
Additional Information				

干燥
1.)
Not for use in food contact applications2.)
Not for use in medical or pharmaceutical applications

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



WECHAT