

SCHULAMID® 66 GB 30 H

Polyamide 66
A. Schulman Europe

Message:
30% glass bead reinforced, heat stabilized Polyamide 66

General Information				
Filler / Reinforcement		Glass Bead,30% Filler by Weight		
Features		Good Flow		
		Good Surface Finish		
		Low Warpage		
		Oil Resistant		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.35	--	g/cm ³	ISO 1183/A
Viscosity Number	140	--	cm ³ /g	ISO 307
Hardness	Dry	Conditioned	Unit	Test Method
Ball Indentation Hardness (H 358/30)	185	125	MPa	ISO 2039-1
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	4500	2500	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	95.0	65.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	7.5	11	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	--	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	30	--	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	215	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	90.0	--	°C	ISO 75-2/Af
Vicat Softening Temperature				
--	235	--	°C	ISO 306/A50
--	230	--	°C	ISO 306/B50
Ball Pressure Test (125°C)	Pass	--		IEC 60695-10-2
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	> 1.0E+15	> 1.0E+12	ohms	IEC 60093
Volume Resistivity	> 1.0E+13	> 1.0E+10	ohms · cm	IEC 60093

Comparative Tracking Index	450	--	V	IEC 60112
Flammability	Dry	Conditioned	Unit	Test Method
Flammability Classification				IEC 60695-11-10, -20
1.50 mm	HB	--		
3.00 mm	HB	--		
Glow Wire Flammability Index				IEC 60695-2-12
1.50 mm	--	650	°C	
3.00 mm	--	650	°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



WECHAT