

SCHULAMID® 66 GF 30 GID

Polyamide 66
A. Schulman Europe

Message:
30% glass fiber reinforced Polyamide 66, optimized for GID-processes

General Information				
Filler / Reinforcement		Glass Fiber,30% Filler by Weight		
Features		Balanced Stiffness/Toughness		
		Good Processability		
		Oil Resistant		
		Outstanding Surface Finish		
Processing Method		Gas-Assisted Injection Molding Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.36	--	g/cm ³	ISO 1183/A
Viscosity Number	140	--	cm ³ /g	ISO 307
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	9300	5400	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	175	110	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	3.5	8.0	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	9.0	--	kJ/m ²	
23°C	11	18	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	65	--	kJ/m ²	
23°C	80 kJ/m ²	No Break		
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	246	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	220	--	°C	ISO 75-2/Af
Vicat Softening Temperature				
--	> 250	--	°C	ISO 306/A50
--	237	--	°C	ISO 306/B50

Flammability	Dry	Conditioned	Unit	Test Method
Burning Rate	< 100	--	mm/min	ISO 3795
Flammability Classification				IEC 60695-11-10, -20
1.50 mm	HB	--		
3.00 mm	HB	--		

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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

