

SCHULAMID® 6 GBF 3026 H BLACK 96.8069

LW

Polyamide 6

A. Schulman Europe

Message:

30% glass fibre and glass bead reinforced ,heat stabilized polyamide 6

General Information				
Filler / Reinforcement		Glass Bead\Glass Fiber,30% Filler by Weight		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.35	--	g/cm ³	ISO 1183/A
Viscosity Number	145	--	cm ³ /g	ISO 307
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	8600	4800	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	150	90.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	3.5	7.7	%	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	
23°C	10	23	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	61	--	kJ/m ²	
23°C	80	95	kJ/m ²	
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	215	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	200	--	°C	ISO 75-2/ Af
Vicat Softening Temperature				
--	215	--	°C	ISO 306/A50
--	210	--	°C	ISO 306/B50
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	> 1.0E+15	--	ohms	IEC 60093
Volume Resistivity	> 1.0E+13	--	ohms · cm	IEC 60093
Comparative Tracking Index	450	--	V	IEC 60112

Flammability	Dry	Conditioned	Unit	Test Method
Flammability Classification (1.50 mm)	HB	--		IEC 60695-11-10, -20

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