

SCHULAMID® 6 GF 30 GID LS

Polyamide 6

A. Schulman Europe

Message:

30% glass fiber reinforced Polyamide 6, optimized for GID-processes, UV-stabilized

General Information				
Filler / Reinforcement		Glass Fiber,30% Filler by Weight		
Processing Method		Gas-Assisted Injection Molding 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	8800	5200	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	155	90.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	3.5	8.5	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	8.0	--	kJ/m ²	
23°C	12	26	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	74	--	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	195	--	°C	ISO 75-2/Af

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Recommended distributors for this material

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