

SCHULAMID® 6 GF 20 H LS

Polyamide 6

A. Schulman Europe

Message:

20% glass fibre reinforced, heat stabilized Polyamid 6, UV-stabilized

General Information				
Filler / Reinforcement		Glass Fiber,20% Filler by Weight		
Processing Method		Injection Molding		
Resin ID (ISO 1043)		PAM 6 GF20 H		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.27	--	g/cm ³	ISO 1183/A
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	6900	3400	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	141	80.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	4.0	15	%	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	8.0	25	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	54	--	kJ/m ²	
23°C	65 kJ/m ²	No Break		
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

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