

SCHULAMID® 66 GF 50 H TS

Polyamide 66

A. Schulman Europe

Message:

50% glass fiber reinforced, heat stabilized, surface improved Polyamide 66

General Information				
Filler / Reinforcement		Glass Fiber,50% Filler by Weight		
Additive		Heat Stabilizer		
Features		Heat Stabilized		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.57	--	g/cm ³	ISO 1183/A
Viscosity Number	140	--	cm ³ /g	ISO 307
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	17000	--	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	230	--	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	2.2	--	%	ISO 527-2/1A/5
Flexural Modulus ¹	14600	--	MPa	ISO 178
Flexural Stress ²	330	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	12	--	kJ/m ²	
23°C	14	--	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	75	--	kJ/m ²	
23°C	85	--	kJ/m ²	
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	> 250	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	> 250	--	°C	ISO 75-2/Af
Vicat Softening Temperature	> 250	--	°C	ISO 306/A50, ISO 306/B50
NOTE				
1.	2.0 mm/min			
2.	2.0 mm/min			

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