

SCHULAMID® 6 GF 15 SHI K2384

Polyamide 6
A. Schulman Europe

Message:
15% glass fibre reinforced PA 6, impact modified

General Information				
Filler / Reinforcement		Glass fiber reinforced material, 15% filler by weight		
Processing Method		Injection molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.20	--	g/cm ³	ISO 1183/A
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	3150	1150	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	48.0	27.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	15	43	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	7.5	--	kJ/m ²	ISO 179/1eA
23°C	18	35	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	90	--	kJ/m ²	ISO 179/1eU
23°C	70 kJ/m ²	No Break		ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)				
	119	--	°C	ISO 75-2/Af
Injection	Dry	Unit		
Drying Temperature	80		°C	
Drying Time	3.0 - 4.0		hr	
Suggested Max Moisture	0.040 - 0.10		%	
Suggested Max Regrind	20		%	
Processing (Melt) Temp	250 - 280		°C	
Mold Temperature	60 - 100		°C	

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Recommended distributors for this material

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