

SCHULAMID® 66 GF 15 HI K2034

Polyamide 66
A. Schulman Europe

Message:
15% glass fiber reinforced, impact modified polyamide 66 compound

General Information				
Filler / Reinforcement		Glass Fiber,15% Filler by Weight		
Features		Impact Modified		
Processing Method		Injection Molding		
Resin ID (ISO 1043)		PA66I-GF		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.21	--	g/cm ³	ISO 1183/A
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	5400	3000	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	100	60.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	4.0	18	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				
-30°C	3.5	--	kJ/m ²	ISO 179
23°C	12	24	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength				
-30°C	40	--	kJ/m ²	ISO 179
23°C	60 kJ/m ²	No Break		ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	240	--	°C	ISO 75-2/B
1.8 MPa, Unannealed	215	--	°C	ISO 75-2/A
Vicat Softening Temperature				
--	> 250	--	°C	ISO 306/A50
--	225	--	°C	ISO 306/B50

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