

SCHULAMID® XM GF 60 BLACK

Polyamide 66 + PA 6I/6T

A. Schulman Europe

Message:

60% glassfiber reinforced semi-aromatic Polyamide Compound with excellent rigity and strength, also if conditioned. Able for Substitution Die Cast Metal.

General Information				
Filler / Reinforcement		Glass Fiber,60% Filler by Weight		
Processing Method		Injection Molding		
Resin ID (ISO 1043)		PA 66 + PA 6I/6T GF 60		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.73	--	g/cm ³	ISO 1183/A
Viscosity Number (96% H2SO4 (Sulphuric Acid))	120	--	cm ³ /g	ISO 307
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	22000	21000	MPa	ISO 527-2/1
Tensile Stress (Break)	260	235	MPa	ISO 527-2/5
Tensile Strain (Break)	2.4	2.4	%	ISO 527-2/5
Flexural Modulus	19800	--	MPa	ISO 178
Flexural Stress ¹	395	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	14	--	kJ/m ²	
23°C	15	13	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	85	--	kJ/m ²	
23°C	95	85	kJ/m ²	
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	230	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	210	--	°C	ISO 75-2/Af
NOTE				
1.	2.0 mm/min			

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