

SCHULAMID® B 6 MKF 4015

Polyamide 6
A. Schulman Europe

Message:
40% glassfiber and mineral reinforced polyamide 6 compound with high mechanical strength and dimensional stability

General Information				
Filler / Reinforcement		Glass\Mineral,40% Filler by Weight		
Processing Method		Injection Molding		
Resin ID (ISO 1043)		PA6-GF-M		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.44	--	g/cm ³	ISO 1183/A
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	7800	4200	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	120	65.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	2.5	10	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	3.6	--	kJ/m ²	
23°C	4.0	7.0	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	40	--	kJ/m ²	
23°C	45	60	kJ/m ²	
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	210	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	192	--	°C	ISO 75-2/Af
Vicat Softening Temperature				
--	220	--	°C	ISO 306/A50
--	215	--	°C	ISO 306/B50

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