

SCHULAMID® 6 GF 15 HI K2073 SCHWARZ

96.8001

Polyamide 6
A. Schulman Europe

Message:
15% glass fiber reinforced and impact modified Polyamide 6

General Information				
Filler / Reinforcement		Glass Fiber,15% Filler by Weight		
Processing Method		Injection Molding		
Resin ID (ISO 1043)		PA 6 GF 15 HI		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.21	--	g/cm ³	ISO 1183/A
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	5000	3050	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	98.0	59.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	3.7	14	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	4.2	--	kJ/m ²	
23°C	9.0	16	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	46	--	kJ/m ²	
23°C	62	90	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	190	--	°C	ISO 75-2/Af
Vicat Softening Temperature				
--	215	--	°C	ISO 306/A50
--	205	--	°C	ISO 306/B50

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