

SCHULAMID® 6 GF 35 H BLACK REC

Polyamide 6

A. Schulman Europe

Message:

35% glass fiber reinforced PA 6, heat stabilized, recycled grade

General Information				
Filler / Reinforcement		Glass Fiber,35% Filler by Weight		
Processing Method		Injection Molding		
Resin ID (ISO 1043)		PA6 GF35 REC		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.41	--	g/cm ³	ISO 1183/A
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	11000	6000	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	150	90.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	2.3	6.0	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	6.5	--	kJ/m ²	
23°C	10	25	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	52	--	kJ/m ²	
23°C	55	80	kJ/m ²	
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	215	--	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	200	--	°C	ISO 75-2/Af

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Recommended distributors for this material

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