

Technical Data Sheet

Schulamid 6GF30H-31BLK

Polyamide 6

Product Description

Nylon 6 30% Glass Fiber

Processing Method Injection Molding

Filler/Reinforcement Glass Fiber, 31%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.37	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield, (5 mm/min)	180	MPa	ISO 527-2
Flexural Modulus, (2.0 mm/min)	9000	MPa	ISO 178
Impact			
Notched Izod Impact Strength	9	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load Unannealed (1.80 MPa)	200	°C	ISO 75-2/A
Additional Information			
Filler Content	31	%	ASTM D5630