

Technical Data Sheet

SCHULAMID® 6GF30

Polyamide 6
Engineering Plastics

Product Description

Nylon 6 30% Glass Fiber

General

Filler / Reinforcement	• Glass Fiber, 31% Filler by Weight
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.37 g/cm ³	1.37 g/cm ³	ISO 1183
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield)	26100 psi	180 MPa	ISO 527-2/5
Flexural Modulus ¹	1.31E+6 psi	9000 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength	4.3 ft·lb/in ²	9.0 kJ/m ²	ISO 180
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature 264 psi (1.8 MPa), Unannealed	392 °F	200 °C	ISO 75-2/A
Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	31 %	31 %	ASTM D5630

Notes

¹ 0.079 in/min (2.0 mm/min)

Notes

These are typical property values not to be construed as specification limits.