

Technical Data Sheet

SCHULAMID[®] SCHULAMID RD 6GF30 REC

Polyamide 6
Engineering Plastics

Product Description

SCHULAMID RD 6GF30 REC is a 30 percent - glass reinforced, chemically coupled, heat stabilized, mold release, recycle content, black nylon 6 compound. It is well suited for injection molding applications and other conversion applications

General

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

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.30 g/cm ³	1.30 g/cm ³	ISO 1183
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield)	18900 psi	130 MPa	ISO 527-2/5
Flexural Modulus - Tangent ¹	1.17E+6 psi	8080 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength (73°F (23°C))	3.9 ft·lb/in ²	8.1 kJ/m ²	ISO 180
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature 264 psi (1.8 MPa), Unannealed	324 °F	162 °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.