

Technical Data Sheet



Schulamid 612 CT GFS30

Polyamide 612
LyondellBasell Industries
Engineering Plastics

Product Description

Schulamid® 612 CT GFS30 is a 612 polyamide with 30% fiber reinforcement. Schulamid® 612 CT GFS30 is an injection molding grade product for connectors.

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Features	• Chemical Resistant
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.25 g/cm ³	1.25 g/cm ³	ASTM D1505
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Break)	16500 psi	114 MPa	ISO 527-2
Tensile Strain (Break)	5.0 %	5.0 %	ISO 527-2
Flexural Modulus	1.19E+6 psi	8170 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	9.0 ft·lb/in ²	19 kJ/m ²	ISO 179
Thermal	Nominal Value (English)	Nominal Value (SI)	
Melting Temperature	419 °F	215 °C	

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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