

Technical Data Sheet

**Schulamid 66 GF 33 H RN**

Polyamide 66
LyondellBasell Industries
Engineering Plastics

Product Description

33% glass fiber reinforced and heat stabilized industrial grade

General

Material Status	• Commercial: Active
Availability	• Europe
Filler / Reinforcement	• Glass Fiber, 33% Filler by Weight
Recycled Content	• Yes
Automotive Specifications	• GM GMP.PA66.013 Color: Black
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.40 g/cm ³	1.40 g/cm ³	ISO 1183
Viscosity Number	145 cm ³ /g	145 cm ³ /g	ISO 307
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Break)	27600 psi	190 MPa	ISO 527-2
Tensile Strain (Break)	3.0 %	3.0 %	ISO 527-2
Flexural Modulus ¹	1.60E+6 psi	11000 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	5.7 ft·lb/in ²	12 kJ/m ²	ISO 179
Charpy Unnotched Impact Strength 73°F (23°C)	38 ft·lb/in ²	80 kJ/m ²	ISO 179
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			
66 psi (0.45 MPa), Unannealed	489 °F	254 °C	ISO 75-2/B
264 psi (1.8 MPa), Unannealed	439 °F	226 °C	ISO 75-2/A
Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	33 %	33 %	ISO 1172

Notes

¹ 0.079 in/min (2.0 mm/min)

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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