

Technical Data Sheet

**Schulamid 66GF43HRN**

Polyamide 66
LyondellBasell Industries
Engineering Plastics

Product Description

Nylon 66 43% Glass Fiber Industrial Grade

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 43% Filler by Weight
Recycled Content	• Yes
Automotive Specifications	• GM GMP.PA66.035R Color: Black
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.52 g/cm ³	1.52 g/cm ³	ISO 1183
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield)	27800 psi	192 MPa	ISO 527-2/5
Flexural Modulus ¹	2.15E+6 psi	14800 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact Strength	4.5 ft·lb/in ²	9.5 kJ/m ²	ISO 180
Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	45 %	45 %	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.

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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