

Technical Data Sheet

Schulamid 66GF25

Polyamide 66
LyondellBasell Industries
Engineering Plastics

Product Description

Nylon 66 25% Glass Fiber

General

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|------------------------|-------------------------------------|
| Filler / Reinforcement | • Glass Fiber, 25% Filler by Weight |
| Processing Method | • Injection Molding |

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.32 g/cm ³	1.32 g/cm ³	ISO 1183
Viscosity Number	140 cm ³ /g	140 cm ³ /g	ISO 307

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield)	21800 psi	150 MPa	ISO 527-2/5
Flexural Modulus ¹	1.13E+6 psi	7800 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength	4.5 ft·lb/in ²	9.5 kJ/m ²	ISO 179

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	482 °F	250 °C	ISO 75-2/A

Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	25 %	25 %	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.