

Schulamid 66 GF 33 H RN

Polyamide 66
LyondellBasell Industries
Engineering Plastics

Product Description

33% glass fiber reinforced and heat stabilized industrial grade

General

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.

