

Technical Data Sheet

Schulamid 66 GF33

Polyamide 66
LyondellBasell Industries
Engineering Plastics

Product Description

33% glass fiber reinforced nylon 66

General

Filler / Reinforcement	• Glass Fiber, 33% Filler by Weight
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.40	1.40 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	27000 psi	186 MPa	ASTM D638
Tensile Elongation (Break)	3.0 %	3.0 %	ASTM D638
Flexural Modulus	1.51E+6 psi	10400 MPa	ASTM D790
Flexural Strength (Break)	34400 psi	237 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.5 ft·lb/in	130 J/m	ASTM D256
Unnotched Izod Impact	18 ft·lb/in	960 J/m	ASTM D4812
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	500 °F	260 °C	
264 Psi (1.8 Mpa), Unannealed	250 °F	121 °C	

Notes

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