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	
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/cm³	1.40 g/cm³	ISO 1183
Viscosity Number	145 cm³/g	145 cm³/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/in²	12 kJ/m²	ISO 179
Charpy Unnotched Impact Strength			ISO 179
73°f (23°c)	38 ft·lb/in²	80 kJ/m²	
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.