

Technical Data Sheet

Schulablend (PA/PP) M/MO GF 15

Polyamide + PP
LyondellBasell Industries
Engineering Plastics

Product Description

15% glass fibre reinforced PA-PP-blend with excellent chemical resistance and low dependence of humidity

General

Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Features	• Chemical Resistant
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >PA6+PP-GF<

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.12 g/cm ³	1.12 g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (250°C/2.16 Kg)	10 cm ³ /10min	10 cm ³ /10min	ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	754000 psi	5200 MPa	ISO 527-1/1A/1
Tensile Stress (Break)	13100 psi	90.0 MPa	ISO 527-2/1A/5
Tensile Strain (Break)	3.5 %	3.5 %	ISO 527-2/1A/5
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	4.8 ft·lb/in ²	10 kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength 73°F (23°C)	22 ft·lb/in ²	46 kJ/m ²	ISO 179/1eU
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed	361 °F	183 °C	ISO 75-2/Bf
Electrical	Nominal Value (English)	Nominal Value (SI)	Test Method
Surface Resistivity	> 1.0E+15 ohms	> 1.0E+15 ohms	IEC 60093
Volume Resistivity	> 1.0E+13 ohms·m	> 1.0E+13 ohms·m	IEC 62631-3-1
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flammability Classification 0.06 In (1.6 Mm)	HB	HB	IEC 60695-11-10, -20

Additional Information

The tradename "Schulablend" may be abbreviated "SBL" in documents or on labels.

- 1.) Not for use in food contact applications
- 2.) Not for use in medical or pharmaceutical applications

Notes

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