

Technical Data Sheet

Schulablend (ASA/PA) M/MW SF UV

Acrylonitrile Styrene Acrylate + PA

LyondellBasell Industries

Engineering Plastics

Product Description

Easy flow ASA/PA 6 blend, impact resistant, UV-stabilized

General

Additive	• UV Stabilizer	
Features	• Good Flow	• Good Impact Resistance
Processing Method	• Injection Molding	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.14 g/cm ³	1.14 g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (250°C/5.0 Kg)	23 cm ³ /10min	23 cm ³ /10min	ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	341000 psi	2350 MPa	ISO 527-1/1A/1
Tensile Stress (Yield)	7400 psi	51.0 MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	4.0 %	4.0 %	ISO 527-2/1A/50
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	10 ft·lb/in ²	21 kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength 73°F (23°C)	No Break	No Break	ISO 179/1eU
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	140 °F	60.0 °C	ISO 75-2/Af
Vicat Softening Temperature	282 °F	139 °C	ISO 306/B50
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Burning Rate			
0.0787 In (2.00 Mm)	1.2 in/min	31 mm/min	ISO 3795
0.0787 In (2.00 Mm)	1.2 in/min	31 mm/min	FMVSS 302
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.