

Technical Data Sheet

# Schulablend (PC/ASA) WR 5 SHI SF

Polycarbonate + ASA  
LyondellBasell Industries  
Engineering Plastics

**Product Description**

Easy flow high impact modified PC / ASA blend

**General**

Additive	• Impact Modifier
Features	• Good Flow • Impact Modified
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.15 g/cm <sup>3</sup>	1.15 g/cm <sup>3</sup>	ISO 1183/A
Melt Volume-Flow Rate (MVR) (260°C/5.0 Kg)	10 cm <sup>3</sup> /10min	10 cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	319000 psi	2200 MPa	ISO 527-1/1A/1
Tensile Stress (Yield)	7690 psi	53.0 MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	4.5 %	4.5 %	ISO 527-2/1A/50
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	38 ft·lb/in <sup>2</sup>	80 kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength 73°F (23°C)	No Break	No Break	ISO 179/1eU
Notched Izod Impact (Area) (73°F (23°C))	19.0 ft·lb/in <sup>2</sup>	40.0 kJ/m <sup>2</sup>	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Ball Indentation Hardness (H 358/30)	12900 psi	89.0 MPa	ISO 2039-1
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	250 °F	121 °C	ISO 306/B50

**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.