

Technical Data Sheet

Schulablend (PC/ASA) WR 5 UV CA

Polycarbonate + ASA
LyondellBasell Industries
Engineering Plastics

Product Description

PC-ASA blend with increased impact strength, heat resistance and weather resistance; permanent antistatic

General

Additive	• Antistatic		
Features	• Antistatic • Good Impact Resistance	• Good Weather Resistance • High Heat Resistance	
Automotive Specifications	• GM QK 002421 UZ Color: 71255 Black		
Processing Method	• Injection Molding		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.16 g/cm ³	1.16 g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (260°C/5.0 Kg)	30 cm ³ /10min	30 cm ³ /10min	ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	261000 psi	1800 MPa	ISO 527-1/1A/1
Tensile Stress			
Yield	6090 psi	42.0 MPa	ISO 527-2/1A/50
Break	5660 psi	39.0 MPa	ISO 527-2/1A/5
Tensile Strain			
Yield	4.4 %	4.4 %	ISO 527-2/1A/50
Break	78 %	78 %	ISO 527-2/1A/5
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-22°F (-30°C)	6.7 ft·lb/in ²	14 kJ/m ²	
73°F (23°C)	33 ft·lb/in ²	70 kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-22°F (-30°C)	No Break	No Break	
73°F (23°C)	No Break	No Break	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			
66 Psi (0.45 Mpa), Unannealed	234 °F	112 °C	ISO 75-2/Bf
264 Psi (1.8 Mpa), Unannealed	190 °F	88.0 °C	ISO 75-2/Af
Vicat Softening Temperature	232 °F	111 °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.