

## 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<br>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.