Technical Data Sheet

Schulablend (ABS/PA) M/MK UV HI

Acrylonitrile Butadiene Styrene + PA
LyondellBasell Industries
Engineering Plastics

Product Description
ABS/PA6 blend with high impact strength and UV stabilised

General	
Additive	• UV Stabilizer
Features	• High Impact Resistance
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >ABS+PA<

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.10 g/cm³	1.10 g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR)	7.5 cm³/10min	7.5 cm³/10min	ISO 1133
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Modulus	261000 psi	1800 MPa	ISO 527-1/1A/1
Tensile Stress			ISO 527-2/1A/50
Yield	5950 psi	41.0 MPa	
Break	5660 psi	39.0 MPa	
Tensile Strain (Yield)	4.0 %	4.0 %	ISO 527-2/1A/50
Nominal Tensile Strain at Break	100 %	100 %	ISO 527-2/1A/50
Impact	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Charpy Notched Impact Strength			ISO 179/1eA
-22°f (-30°c)	7.1 ft·lb/in²	15 kJ/m²	
73°f (23°c)	40 ft·lb/in²	85 kJ/m²	
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**
Vicat Softening Temperature			
--	284 °F	140 °C	ISO 306/B
--	410 °F	210 °C	ISO 306/A

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

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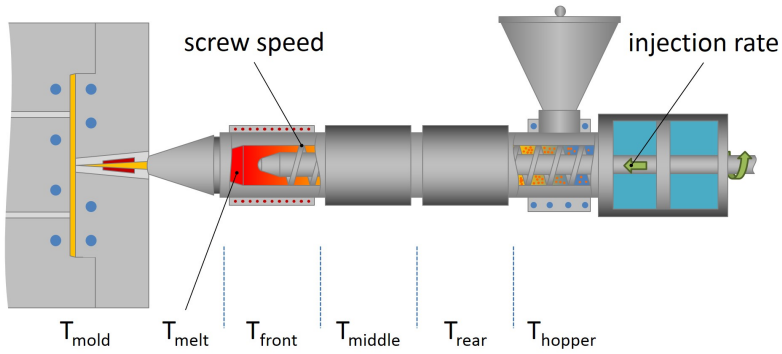

Injection	Nominal Value (English)	Nominal Value (SI)
Suggested Max Moisture	0.04 to 0.10 %	0.04 to 0.10 %
Processing (Melt) Temp	446 to 518 °F	230 to 270 °C
Mold Temperature	104 to 176 °F	40 to 80 °C

Notes

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