Technical Data Sheet

Schulablend (ABS/PA) M/MK 6501 U

Acrylonitrile Butadiene Styrene + PA
LyondellBasell Industries
Engineering Plastics

Product Description
ABS/PA6 blend with high impact strength, UV stabilised, low emission. (Former name: SCHULABLEND® M/MK K2004)

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

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.07 g/cm³	1.07 g/cm³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (250°c/5.0 Kg)	7.0 cm³/10min	7.0 cm³/10min	ISO 1133
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Modulus	247000 psi	1700 MPa	ISO 527-1/1A/1
Tensile Stress			ISO 527-2/1A/50
Yield	5800 psi	40.0 MPa	
Break	6090 psi	42.0 MPa	
Tensile Strain (Yield)	4.0 %	4.0 %	ISO 527-2/1A/50
Nominal Tensile Strain at Break	90 %	90 %	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)	9.5 ft·lb/in²	20 kJ/m²	
73°f (23°c)	38 ft·lb/in²	80 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**
Deflection Temperature Under Load			ISO 75-2/Af
264 Psi (1.8 Mpa), Unannealed	149 °F	65.0 °C	
Vicat Softening Temperature	257 °F	125 °C	ISO 306/B50
Flammability	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Burning Rate			
0.0787 In (2.00 Mm)	< 3.9 in/min	< 100 mm/min	ISO 3795
0.0787 In (2.00 Mm)	< 3.9 in/min	< 100 mm/min	FMVSS 302
Flammability Classification			IEC 60695-11-10, -20
0.06 In (1.6 Mm)	HB	HB	

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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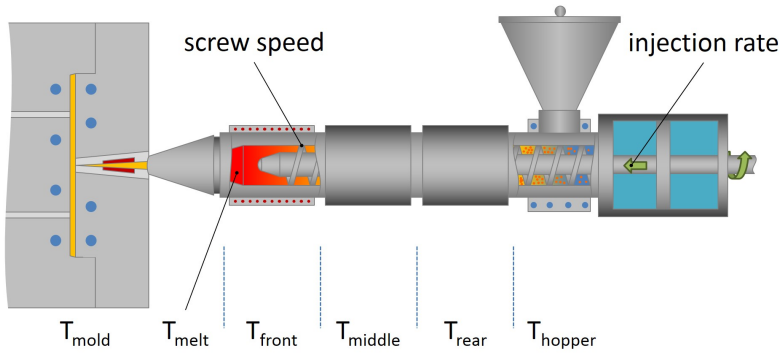

Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	176 °F	80 °C
Drying Time	4.0 hr	4.0 hr
Suggested Max Moisture	0.04 to 0.10 %	0.04 to 0.10 %
Processing (Melt) Temp	446 to 518 °F	230 to 270 °C
Mold Temperature	104 to 176 °F	40 to 80 °C

Notes

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