

Technical Data Sheet

Schulablend (ABS/PA) M/MK 8 GF SF UV

Acrylonitrile Butadiene Styrene + PA

LyondellBasell Industries

Engineering Plastics

Product Description

8% glass fibre reinforced ABS/PA injection molding grade with high flowing properties, high impact strength and chemical resistance, UV-stabilized

General

Filler / Reinforcement	• Glass Fiber, 8.0% Filler by Weight
Processing Method	• Injection Molding
Resin ID (ISO 1043)	• PA ABS GF8

Physical	Dry	Conditioned	Unit	Test Method
Density	1.13	--	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR)				ISO 1133
250°C/5.0 Kg	5.0	--	cm ³ /10min	
260°C/5.0 Kg	9.0	--	cm ³ /10min	

Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	406000 (2800)	247000 (1700)	psi (MPa)	ISO 527-1/1A/1
Tensile Stress (Break)	6530 (45.0)	4350 (30.0)	psi (MPa)	ISO 527-2/1/5
Tensile Strain (Break)	9.0	33	%	ISO 527-2/1/5
Flexural Modulus ¹	348000 (2400)	--	psi (MPa)	ISO 178
Flexural Stress ¹				ISO 178
6.0% Strain	11300 (78.0)	--	psi (MPa)	
3.5% Strain	10200 (70.0)	--	psi (MPa)	

Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-22°F (-30°C)	4.8 (10)	--	ft·lb/in ² (kJ/m ²)	
73°F (23°C)	7.1 (15)	11 (24)	ft·lb/in ² (kJ/m ²)	
Charpy Unnotched Impact Strength				ISO 179/1eU
-22°F (-30°C)	29 (60)	--	ft·lb/in ² (kJ/m ²)	
73°F (23°C)	23 (48)	38 (80)	ft·lb/in ² (kJ/m ²)	

Hardness	Dry	Conditioned	Unit	Test Method
Ball Indentation Hardness (H 358/30)	15800 (109)	--	psi (MPa)	ISO 2039-1

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

¹ 0.079 in/min (2.0 mm/min)