

Technical Data Sheet

Schulablend M/MK 8 GF SF UV BLACK 9



Acrylonitrile Butadiene Styrene + PA

Product Description

8% glass fibre reinforced ABS/PA blend; high flow

Regulatory Status

For regulatory compliance information, see *Schulablend* M/MK 8 GF SF UV BLACK 9 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	Africa-Middle East; Asia-Pacific; Europe; Latin America; North America
Processing Method	Injection Molding
Filler/Reinforcement	Glass Fiber, 8.0%
Resin ID	PA ABS GF8

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Volume Flow Rate			
(250 °C/5.0 kg)	5.0	cm ³ /10 min	ISO 1133
(260 °C/5.0 kg)	9.0	cm ³ /10 min	ISO 1133
Density, (Method A)	1.13	g/cm ³	ISO 1183
Mechanical			
Tensile Strain at Break			
(Type 1, 5 mm/min)	9.0	%	ISO 527-2
(Type 1, 5 mm/min) - Conditioned	33	%	ISO 527-2
Flexural Modulus, (2.0 mm/min)	2400	MPa	ISO 178
Tensile Stress at Break			
(Type 1, 5 mm/min)	45.0	MPa	ISO 527-2
(Type 1, 5 mm/min) - Conditioned	30.0	MPa	ISO 527-2
Tensile Modulus			
(1 mm/min, Type 1A)	2800	MPa	ISO 527-1
(1 mm/min, Type 1A) - Conditioned	1700	MPa	ISO 527-1
Flexural Stress			
(2.0 mm/min, 3.5%)	70.0	MPa	ISO 178
(2.0 mm/min, 6.0%)	78.0	MPa	ISO 178
Impact			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	15	kJ/m ²	ISO 179
(-30 °C, Type 1, Edgewise, Notch A)	10	kJ/m ²	ISO 179
(23 °C, Type 1, Edgewise, Notch A) - Conditioned	24	kJ/m ²	ISO 179
Charpy Impact Strength - Unnotched			
(23 °C, Type 1, Edgewise)	48	kJ/m ²	ISO 179
(-30 °C, Type 1, Edgewise)	60	kJ/m ²	ISO 179
(23 °C, Type 1, Edgewise) - Conditioned	80	kJ/m ²	ISO 179
Hardness			

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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