

## Technical Data Sheet

**Schulblend M/MB 5 GF10 BLK70355**

Polycarbonate + ABS

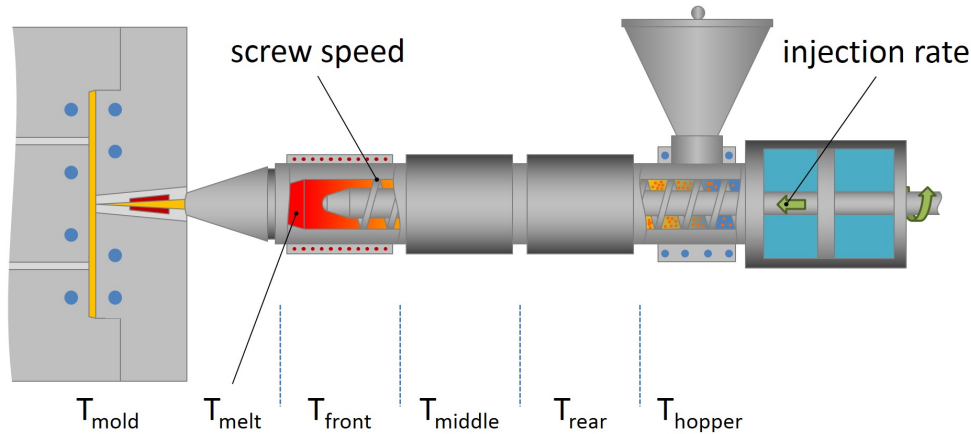
**Product Description**

10% glass fibre reinforced ABS/PC blend

**Regulatory Status**For regulatory compliance information, see *Schulblend M/MB 5 GF10 BLK70355* [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Active
<b>Availability</b>	Africa-Middle East; Asia-Pacific; Europe; Latin America; North America
<b>Processing Method</b>	Injection Molding
<b>Filler/Reinforcement</b>	Glass Fiber, 10%
<b>Resin ID</b>	ABS+PC-GF

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Volume Flow Rate, (260 °C/5.0 kg)	16	cm <sup>3</sup> /10 min	ISO 1133
Density, (Method A)	1.19	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Strain at Break, (Type 1A, 5 mm/min)	3.0	%	ISO 527-2
Tensile Stress at Break, (Type 1A, 5 mm/min)	74.0	MPa	ISO 527-2
Tensile Modulus, (1 mm/min, Type 1A)	3600	MPa	ISO 527-1
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	11	kJ/m <sup>2</sup>	ISO 179
(-30 °C, Type 1, Edgewise, Notch A)	10	kJ/m <sup>2</sup>	ISO 179
Charpy Impact Strength - Unnotched			
(23 °C, Type 1, Edgewise)	39	kJ/m <sup>2</sup>	ISO 179
(-30 °C, Type 1, Edgewise)	32	kJ/m <sup>2</sup>	ISO 179
<b>Hardness</b>			
Ball Indentation Hardness, (H 358/30)	124	MPa	ISO 2039-1
<b>Thermal</b>			
Vicat Softening Temperature, (B (50N), 50 °C/h)	130	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa), (Flatwise)	131	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa), (Flatwise)	119	°C	ISO 75-2/A
<b>Electrical</b>			
Volume Resistivity	>1.0E+13	ohm*cm	IEC 60093
Surface Resistivity	>1.0E+15	ohm	IEC 60093
<b>Flammable</b>			
Burning Rate	<40	mm/min	ISO 3795
(FMVSS 302)	<40	mm/min	FMVSS 302
<b>Additional Information</b>			



Injection Parameters	Nominal Value	Units
Drying Time	4.0 to 6.0	hr
Drying Temperature	100	°C
Suggested Max Moisture	<0.050	%
Processing (Melt) Temp	260 to 270	°C
Mold Temperature	70 to 90	°C

**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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