

## Technical Data Sheet

**Schulblend M/MO GF15 K2349 BM BLK968001**

Polyamide + PP

**Product Description**

15% glass fibre reinforced PA-PP-blend with excellent chemical resistance and low dependence of humidity

<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Chemical Resistance
<b>Filler/Reinforcement</b>	Glass Fiber, 15%

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Volume Flow Rate, (250 °C/2.16 kg)	10	cm <sup>3</sup> /10 min	ISO 1133
Density, (Method A)	1.12	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Strain at Break, (Type 1A, 5 mm/min)	3.5	%	ISO 527-2
Tensile Stress at Break, (Type 1A, 5 mm/min)	90.0	MPa	ISO 527-2
Tensile Modulus, (1 mm/min, Type 1A)	5200	MPa	ISO 527-1
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	10	kJ/m <sup>2</sup>	ISO 179
Charpy Impact Strength - Unnotched, (23 °C, Type 1, Edgewise)	46	kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (0.45 MPa), (Flatwise)	183	°C	ISO 75-2/B
<b>Electrical</b>			
Volume Resistivity	>1.0E+13	ohm*m	IEC 62631-3-1
Surface Resistivity	>1.0E+15	ohm	IEC 60093
<b>UL Information</b>			
Flammability Classification, (1.6 mm)	HB		IEC 60695-11-10, -20