

## Technical Data Sheet

**Schulblend M/MK K2004SF BLK 73650**

Acrylonitrile Butadiene Styrene + PA

**Product Description**

High flow ABS/PA Blend, high impact strength, UV stabilised, low emission

**Processing Method** Injection Molding**Resin ID** PA+ABS

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Volume Flow Rate, (260 °C/5.0 kg)	10	cm <sup>3</sup> /10 min	ISO 1133
Density, (Method A)	1.08	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Stress at Yield, (Type 1A, 50 mm/min)	40.0	MPa	ISO 527-2
Tensile Strain at Break, (Type 1A, 50 mm/min)	120	%	ISO 527-2
Flexural Modulus, (2.0 mm/min)	1700	MPa	ISO 178
Tensile Strain at Yield, (Type 1A, 50 mm/min)	3.4	%	ISO 527-2
Tensile Stress at Break, (Type 1A, 50 mm/min)	40.0	MPa	ISO 527-2
Tensile Modulus, (1 mm/min, Type 1A)	1800	MPa	ISO 527-1
Flexural Stress			
(2.0 mm/min, 3.5%)	50.0	MPa	ISO 178
(2.0 mm/min, 6.0%)	50.0	MPa	ISO 178
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	80	kJ/m <sup>2</sup>	ISO 179
(-30 °C, Type 1, Edgewise, Notch A)	30	kJ/m <sup>2</sup>	ISO 179
Charpy Impact Strength - Unnotched			
(23 °C, Type 1, Edgewise)	No Break		ISO 179
(-30 °C, Type 1, Edgewise)	No Break		ISO 179
<b>Thermal</b>			
Vicat Softening Temperature, (B (50N), 50 °C/h)	129	°C	ISO 306
Deflection Temperature Under Load Unannealed (1.80 MPa), (Flatwise)	60.0	°C	ISO 75-2/A
<b>Flammable</b>			
Burning Rate			
(2.00 mm)	<60	mm/min	ISO 3795
(2.00 mm)	<60	mm/min	FMVSS 302