

## Technical Data Sheet

**Schulblend M/MK K2004 BMW BLK72015**

Acrylonitrile Butadiene Styrene + PA

**Product Description**

Easy flow high impact ABS/PA 6 blend; UV stabilised

<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Flow; High Impact Resistance
<b>Additive</b>	UV Stabilizer

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Volume Flow Rate, (250 °C/5.0 kg)	13	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)	44.0	MPa	ISO 527-2
Tensile Strain at Yield, (Type 1A, 50 mm/min)	4.0	%	ISO 527-2
Tensile Modulus, (1 mm/min, Type 1A)	1650	MPa	ISO 527-1
<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)	18	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)	75.0	°C	ISO 75-2/A
<b>UL Information</b>			
Flammability Classification, (1.6 mm)	HB		IEC 60695-11-10, -20