Technical Data Sheet

Schulablend M/MK K2004 SF BLK71735

Acrylonitrile Butadiene Styrene + PA

Product Description

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

Processing Method	Injection Molding
Attribute	Good Flow; High Impact Resistance
Additive	UV Stabilizer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Volume Flow Rate, (250 °C/5.0 kg)	13	cm³/10 min	ISO 1133
Density, (Method A)	1.08	g/cm³	ISO 1183
Mechanical			
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
Impact			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	80	kJ/m²	ISO 179
(-30 °C, Type 1, Edgewise, Notch A)	18	kJ/m²	ISO 179
Charpy Impact Strength - Unnotched			
(23 °C, Type 1, Edgewise)	No Break		ISO 179
(-30 °C, Type 1, Edgewise)	No Break		ISO 179
Thermal			
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
UL Information			
Flammability Classification, (1.6 mm)	HB		IEC 60695-11-10, -20