

Technical Data Sheet

Schulblend SBL M/MW SFUV 5Z ET1 GRY

Acrylonitrile Styrene Acrylate + PA

Product Description

Easy flow ASA/PA 6 blend, impact resistant, UV-stabilized

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Volume Flow Rate, (250 °C/5.0 kg)	23	cm ³ /10 min	ISO 1133
Density, (Method A)	1.14	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield, (Type 1A, 50 mm/min)	51.0	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)	2350	MPa	ISO 527-1
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	21	kJ/m ²	ISO 179
Charpy Impact Strength - Unnotched, (23 °C, Type 1, Edgewise)	No Break		ISO 179
Thermal			
Vicat Softening Temperature, (B (50N), 50 °C/h)	139	°C	ISO 306
Deflection Temperature Under Load Unannealed (1.80 MPa), (Flatwise)	60.0	°C	ISO 75-2/A
Flammable			
Burning Rate			
(2.00 mm)	31	mm/min	ISO 3795
(2.00 mm)	31	mm/min	FMVSS 302
UL Information			
Flammability Classification, (1.6 mm)	HB		IEC 60695-11-10, -20