Edgetek™ AS 000/000 WHITE EL 70

Acrylonitrile Butadiene Styrene

Key Characteristics

Product Description	
UV stabilized	
General	
Material Status	• Commercial: Active
Regional Availability	• Europe
Features	• Good Impact Resistance
Appearance	• White
Processing Method	• Injection Molding

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density (73°F (23°C))	1.06 g/cm³	1.06 g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	19 cm³/10min	19 cm³/10min	ISO 1133
Mechanical	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Modulus			ISO 527-2/1
73°F (23°C), 0.157 in (4.00 mm), Injection Molded	319000 psi	2200 MPa	
Tensile Stress			ISO 527-2/50
Yield, 73°F (23°C), 0.157 in (4.00 mm), Injection Molded	6090 psi	42.0 MPa	
Tensile Strain			ISO 527-2/50
Yield, 73°F (23°C), 0.157 in (4.00 mm)	> 2.0 %	> 2.0 %	
Tensile Strain			ISO 527-2/50
Break, 73°F (23°C), 0.157 in (4.00 mm)	> 10 %	> 10 %	
Impact	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Charpy Notched Impact Strength (73°F (23°C))	9.5 ft·lb/in²	20 kJ/m²	ISO 179
Charpy Unnotched Impact Strength			ISO 179
73°F (23°C)	No Break	No Break	
Electrical	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Surface Resistivity	1.0E+10 to 1.0E+12 ohms	1.0E+10 to 1.0E+12 ohms	ASTM D257
Flammability	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Flame Rating (0.06 in (1.6 mm))	HB	HB	UL 94

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Processing (Melt) Temp	446 to 500 °F	230 to 260 °C
Mold Temperature	122 to 176 °F	50 to 80 °C

Notes

[1] Typical values are not to be construed as specifications.