



Edgetek™ AS 000/000 FR V2 White X1

Acrylonitrile Butadiene Styrene

Key Characteristics

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

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	1.16 g/cm ³	1.16 g/cm ³	ISO 1183
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Modulus	348000 psi	2400 MPa	ISO 527-2/1
Tensile Stress	5800 psi	40.0 MPa	ISO 527-2/50
Tensile Strain (Yield)	2.2 %	2.2 %	ISO 527-2/50
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Notched Izod Impact Strength	2.3 ft·lb/in ²	4.8 kJ/m ²	ISO 180/A
Flammability	Typical Value (English)	Typical Value (SI)	Test Method
Flame Rating (0.06 in (1.6 mm))	V-2	V-2	UL 94
Glow Wire Flammability Index 0.08 in (2.0 mm)	1560 °F	850 °C	IEC 60695-2-12

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Drying Temperature	176 °F	80 °C
Drying Time	2.0 hr	2.0 hr
Rear Temperature	392 to 410 °F	200 to 210 °C
Middle Temperature	401 to 419 °F	205 to 215 °C
Front Temperature	410 to 428 °F	210 to 220 °C
Nozzle Temperature	419 to 428 °F	215 to 220 °C
Mold Temperature	149 to 185 °F	65 to 85 °C

Notes

¹ Typical values are not to be construed as specifications.