

Edgetek™ AS 000/000 H GREY X1 70

Acrylonitrile Butadiene Styrene

Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• Europe		
Features	• Good Stiffness • Good Strength	• Heat Stabilized • High Impact Resistance	
Uses	• Consumer Applications	• General Purpose	• Industrial Applications
Appearance	• Grey		
Forms	• Pellets		
Processing Method	• Injection Molding		

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	1.04 g/cm ³	1.04 g/cm ³	ISO 1183
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Modulus	334000 psi	2300 MPa	ISO 527-1/1
Tensile Stress	6530 psi	45.0 MPa	ISO 527-2/50
Tensile Strain (Break)	< 50 %	< 50 %	ISO 527-2
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Notched Izod Impact Strength	9.5 ft·lb/in ²	20 kJ/m ²	ISO 180/A

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.

CONTACT INFORMATION

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