

Edgetek™ TX 08GF/000 HI GREY 70

Polyamide 6 + ABS

Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• Europe		
Filler / Reinforcement	• Glass Fiber, 8.0% Filler by Weight		
Features	• Good Processability • Good Stiffness	• Good Strength • High Impact Resistance	• UV Stabilized
Uses	• Appliances • Automotive Applications	• Consumer Applications • Electrical/Electronic 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	1.10 g/cm ³	1.10 g/cm ³	ISO 1183
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Modulus	406000 psi	2800 MPa	ISO 527-1/1
Tensile Stress	7250 psi	50.0 MPa	ISO 527-2/5
Tensile Strain (Break)	4.5 %	4.5 %	ISO 527-2/5
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Notched Izod Impact Strength	2.9 ft·lb/in ²	6.0 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	410 to 428 °F	210 to 220 °C
Middle Temperature	419 to 437 °F	215 to 225 °C
Front Temperature	428 to 446 °F	220 to 230 °C
Nozzle Temperature	437 to 455 °F	225 to 235 °C
Mold Temperature	149 to 185 °F	65 to 85 °C

Notes

¹ Typical values are not to be construed as specifications.

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