

Edgetek™ BB 000/000 GREY 70

Polycarbonate + ABS

Key Characteristics

General	
Material Status	• Commercial: Active
Regional Availability	• Europe
Features	• Good Heat Resistance • Good Processability • Good Stiffness • Good Strength • Heat Stabilized • High Impact Resistance
Uses	• Appliances • Automotive Applications • 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	1.15 g/cm ³	1.15 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	25 g/10 min	25 g/10 min	ISO 1133
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Modulus	334000 psi	2300 MPa	ISO 527-1/1
Tensile Stress	7980 psi	55.0 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	19 ft-lb/in ²	40 kJ/m ²	ISO 180/A
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Vicat Softening Temperature	284 °F	140 °C	ISO 306/A120
Melting Temperature	284 to 356 °F	140 to 180 °C	
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)
Drying Temperature	176 to 194 °F	80 to 90 °C
Drying Time	2.0 to 3.0 hr	2.0 to 3.0 hr
Rear Temperature	374 to 392 °F	190 to 200 °C
Middle Temperature	392 to 410 °F	200 to 210 °C
Front Temperature	410 to 428 °F	210 to 220 °C
Nozzle Temperature	428 to 446 °F	220 to 230 °C
Mold Temperature	176 °F	80 °C

Notes

¹ Typical values are not to be construed as specifications.

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