



## Edgetek™ BB 000/000 Black 70

### Polycarbonate + ABS

#### Key Characteristics

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

#### Technical Properties <sup>1</sup>

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	1.13 g/cm <sup>3</sup>	1.13 g/cm <sup>3</sup>	ISO 1183
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Modulus	290000 psi	2000 MPa	ISO 527-2/1
Tensile Stress	6960 psi	48.0 MPa	ISO 527-2/50
Tensile Strain (Yield)	5.0 %	5.0 %	ISO 527-2/50
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Notched Izod Impact Strength	21 ft·lb/in <sup>2</sup>	45 kJ/m <sup>2</sup>	ISO 180/A
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Heat Deflection Temperature 264 psi (1.8 MPa), Unannealed	230 °F	110 °C	ISO 75-2/A
Vicat Softening Temperature	284 °F	140 °C	ISO 306/A120
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

<sup>1</sup> Typical values are not to be construed as specifications.