Edgetek™ BB 30GF/000 H Black T 70

Polycarbonate + ABS

Key Characteristics

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

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	1.37 g/cm³	1.37 g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	6.0 to 8.0 g/10 min	6.0 to 8.0 g/10 min	ISO 1133
Mechanical	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Modulus	1.38E+6 psi	9500 MPa	ISO 527-2
Tensile Stress	14500 psi	100 MPa	ISO 527-2
Tensile Strain (Break)	2.0 %	2.0 %	ISO 527-2
Impact	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Notched Izod Impact Strength (73°F (23°C))	4.3 to 5.2 ft·lb/in²	9.0 to 11 kJ/m²	ISO 180
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 4.0 hr	2.0 to 4.0 hr
Processing (Melt) Temp	428 to 500 °F	220 to 260 °C
Mold Temperature	176 °F	80 °C

Notes

[1] Typical values are not to be construed as specifications.