



# Edgetek™ ET3600-8013 HI GR001

## Polycarbonate + PBT

### Key Characteristics

Product Description	
PC/PBT alloy with outstanding chemical resistance	
General	
Material Status	• Commercial: Active
Regional Availability	• Asia Pacific
Appearance	• Grey
Processing Method	• Injection Molding

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

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.29	1.29	ASTM D792
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength	10200 psi	70.0 MPa	ASTM D638
Flexural Modulus	580000 psi	4000 MPa	ASTM D790
Flexural Strength	16000 psi	110 MPa	ASTM D790
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Notched Izod Impact 73°F (23°C), 0.126 in (3.20 mm)	0.84 ft·lb/in	45 J/m	ASTM D256

### Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Drying Temperature	176 to 212 °F	80 to 100 °C
Drying Time	4.0 to 6.0 hr	4.0 to 6.0 hr
Processing (Melt) Temp	464 to 536 °F	240 to 280 °C
Mold Temperature	140 to 194 °F	60 to 90 °C

Injection Notes
Injection Pressure: MED-HIGH
Hold Pressure: MED-HIGH
Screw Speed: MODERATE
Back Pressure: LOW

### Notes

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