



Edgetek™ PC-30GF/000 NH FR NATURAL

Polycarbonate

Key Characteristics

Product Description	
Non-halogen containing flame retardant, 30% glass fiber reinforced polycarbonate compound.	
General	
Material Status	• Commercial: Active
Regional Availability	• Asia Pacific
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Features	• Flame Retardant • Halogen Free
Appearance	• Natural Color
Forms	• Pellets

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.41	1.41	ASTM D792
Mechanical		Typical Value (English)	Typical Value (SI)
Tensile Strength ² (Break)	17400 psi	120 MPa	ASTM D638
Impact		Typical Value (English)	Typical Value (SI)
Notched Izod Impact (0.252 in (6.40 mm))	2.8 ft-lb/in	150 J/m	ASTM D256

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Drying Temperature	248 °F	120 °C
Drying Time	4.0 hr	4.0 hr
Processing (Melt) Temp	536 to 572 °F	280 to 300 °C
Mold Temperature	176 to 212 °F	80 to 100 °C

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

Notes

¹ Typical values are not to be construed as specifications.

² 0.20 in/min (5.0 mm/min)