

Edgetek™ PC-20GF/000 Ice Green

Polycarbonate

PolyOne Corporation

Message:

20% glass fiber reinforced polycarbonate compound

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Uses	Household goods		
	Printing machine parts		
RoHS Compliance	RoHS compliance		
Appearance	Green		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20 - 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (23°C, 3.20 mm)	95.0	MPa	ASTM D638
Flexural Modulus ² (23°C, 3.20 mm)	6000	MPa	ASTM D790
Flexural Strength ³ (23°C, 3.20 mm)	140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	70	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating (3.0 mm)	V-1		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	120 - 130	°C	
Drying Time	3.0 - 4.0	hr	
Processing (Melt) Temp	280 - 300	°C	
Mold Temperature	90 - 110	°C	
NOTE			
1.	50 mm/min		
2.	1.3 mm/min		
3.	1.3 mm/min		

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Recommended distributors for this material

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