



LubriOne™ PC-000/05T Ice Green

Polycarbonate

Key Characteristics

Product Description	
PTFE lubricated polycarbonate compound	
General	
Material Status	• Commercial: Active
Regional Availability	• Asia Pacific
Filler / Reinforcement	• Fluoropolymer, 5.0% Filler by Weight
Additive	• PTFE Lubricant: 5%
Features	• Self Lubricating
Uses	• Household Goods • Printer Parts • Transmission Applications
RoHS Compliance	• RoHS Compliant
Appearance	• Green
Forms	• Pellets
Processing Method	• Injection Molding

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.22	1.22	ASTM D792
Molding Shrinkage - Flow	6.0E-3 to 8.0E-3 in/in	0.60 to 0.80 %	Internal Method
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength	7980 psi	55.0 MPa	ASTM D638
Flexural Modulus	363000 psi	2500 MPa	ASTM D790
Flexural Strength	13100 psi	90.0 MPa	ASTM D790
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Notched Izod Impact	2.2 ft-lb/in	120 J/m	ASTM D256
Flammability	Typical Value (English)	Typical Value (SI)	Test Method
Flame Rating			UL 94
0.06 in (1.5 mm)	HB	HB	
0.12 in (3.0 mm)	HB	HB	

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Drying Temperature	248 to 266 °F	120 to 130 °C
Drying Time	3.0 to 4.0 hr	3.0 to 4.0 hr
Processing (Melt) Temp	536 to 572 °F	280 to 300 °C
Mold Temperature	194 to 230 °F	90 to 110 °C

Notes

¹ Typical values are not to be construed as specifications.