

# LubriOne™ PC-30GF/15T BLACK

Polycarbonate

PolyOne Corporation

## Message:

30 % glass fiber reinforced, PTFE lubricated polycarbonate compound

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Additive	PTFE lubricant		
Features	Lubrication		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.55	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.10 - 0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	6800	MPa	ASTM D638
Tensile Strength <sup>2</sup>	115	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Break)	3.5	%	ASTM D638
Flexural Modulus <sup>4</sup>	8100	MPa	ASTM D790
Flexural Strength <sup>5</sup>	170	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	220	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	139	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (6.00 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	120 - 130	°C	
Drying Time	3.0 - 4.0	hr	
Rear Temperature	290 - 310	°C	
Middle Temperature	290 - 310	°C	
Front Temperature	290 - 310	°C	
Mold Temperature	80.0 - 110	°C	
Injection instructions			
Injection Pressure: MED-HIGHHold Pressure: MED-HIGHScrew Speed: MODERATEBack Pressure: LOW			

## NOTE

1.	5.0 mm/min
2.	5.0 mm/min
3.	5.0 mm/min
4.	1.3 mm/min
5.	1.3 mm/min

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## Recommended distributors for this material

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