

LubriOne™ PC-000/15T-S2 NATURAL

Polycarbonate

PolyOne Corporation

Message:

LubriOne™ PC-000/15T-S2 NATURAL is a Polycarbonate (PC) product. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America. Applications of LubriOne™ PC-000/15T-S2 NATURAL include appliances, conveyors and printing applications.

General Information			
Features	Lubricated		
Uses	Appliance Components		
	Conveyor Parts		
	Printer Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2410	MPa	ASTM D638
Tensile Strength ² (Break)	48.3	MPa	ASTM D638
Tensile Elongation ³ (Break)	7.0	%	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm, Injection Molded)	100	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed, 6.35 mm)	121	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	288 to 316	°C	
Mold Temperature	87.8 to 121	°C	
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 5.1 mm/min		
3.	Type I, 5.1 mm/min		

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