

# Plaslube® PC-50/TF/22

Polycarbonate  
Techmer Engineered Solutions

Message:

Plaslube® PC-50/TF/22 is a Polycarbonate (PC) product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Business/Office Goods.

Characteristics include:

- RoHS Compliant
- Good Aesthetics
- Good Dimensional Stability
- Good Toughness
- Lubricated

General Information			
UL YellowCard	E253782-484589		
Additive	PTFE Lubricant (22%)		
Features	Good Dimensional Stability		
	Good Toughness		
	Lubricated		
	Pleasing Surface Appearance		
Uses	Business Equipment		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.70	%	ASTM D955
Water Absorption (24 hr)	0.12	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	48.3	MPa	ASTM D638
Flexural Modulus (23°C)	2070	MPa	ASTM D790
Flexural Strength (Break, 23°C)	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	170	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	143	°C	
1.8 MPa, Unannealed	135	°C	

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Recommended distributors for this material

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