

Plaslube® PC-50/TF/22

Techmer Polymer Modifiers - *Polycarbonate*

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Additive	• PTFE Lubricant: 22%
Features	• Good Dimensional Stability • Lubricated • Good Toughness • Pleasing Surface Appearance
Uses	• Business Equipment
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30		ASTM D792
Molding Shrinkage - Flow (0.125 in)	7.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.12	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 73°F)	7000	psi	ASTM D638
Flexural Modulus (73°F)	300000	psi	ASTM D790
Flexural Strength (Break, 73°F)	11000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	3.2	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	290	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	275	°F	ASTM D648

