

Plaslube® PC-50/TF/22 NAT

Techmer Polymer Modifiers - *Polycarbonate*

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
RoHS Compliance	• RoHS Compliant
Forms	• Pellets

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.29		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	7500	psi	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	300000	psi	ASTM D790
Flexural Strength	11000	psi	ASTM D790
Compressive Strength	9000	psi	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	3.3	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	109		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	275	°F	ASTM D648
CLTE - Flow	3.9E-5	in/in/°F	ASTM D696
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	HB		UL 94

