

**Plaslube® PC-50/TF/13/SI/2 NAT**

 Techmer Polymer Modifiers - *Polycarbonate*
**General Information**
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Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		

**Properties <sup>1</sup>**

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density / Specific Gravity	1.27		ASTM D792
Molding Shrinkage - Flow (0.125 in)	7.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.12	%	ASTM D570
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Strength	7000	psi	ASTM D638
Flexural Modulus	290000	psi	ASTM D790
Flexural Strength	10500	psi	ASTM D790
Compressive Strength	9000	psi	ASTM D695
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Notched Izod Impact	4.0	ft-lb/in	ASTM D256
<b>Hardness</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Rockwell Hardness (R-Scale)	109		ASTM D785
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Deflection Temperature Under Load (264 psi, Unannealed)	276	°F	ASTM D648
CLTE - Flow	3.8E-5	in/in/°F	ASTM D696
<b>Flammability</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Flame Rating (0.06 in)	HB		UL 94

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.
