

Plaslube® PC / ABS 88 GF10

 Techmer Polymer Modifiers - *Polycarbonate + ABS*
General Information
General

Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> North America
Filler / Reinforcement	<ul style="list-style-type: none"> Glass Fiber, 10% Filler by Weight
Appearance	<ul style="list-style-type: none"> Colors Available
Forms	<ul style="list-style-type: none"> Pellets
Processing Method	<ul style="list-style-type: none"> Injection Molding

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.20		ASTM D792
Molding Shrinkage - Flow (0.125 in)	4.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.10	%	ASTM D570
Mechanical			
Tensile Strength (Break)	8900	psi	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	590000	psi	ASTM D790
Flexural Strength	15000	psi	ASTM D790
Impact			
Notched Izod Impact (73°F, 0.125 in)	1.6	ft·lb/in	ASTM D256
Hardness			
Rockwell Hardness (R-Scale)	119		ASTM D785
Thermal			
Deflection Temperature Under Load (264 psi, Unannealed)	240	°F	ASTM D648
CLTE - Flow	2.3E-5	in/in/°F	ASTM D696
Flammability			
Flame Rating	HB		UL 94

