

## E-Polymers TEKANATE™ G710 , 10% Glass Fiber Reinforced Poly Carbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, 10% Glass Filled

### Material Notes:

10% Glass Fiber reinforced Information provided by E-Polymers Co. Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_E-Polymers-TEKANATE-G710-10-Glass-Fiber-Reinforced-Poly-Carbonate.php](http://www.lookpolymers.com/polymer_E-Polymers-TEKANATE-G710-10-Glass-Fiber-Reinforced-Poly-Carbonate.php)

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	122	122	ASTM D785
Tensile Strength, Yield	83.0 MPa	12000 psi	ASTM D638
Elongation at Break	6.0 %	6.0 %	ASTM D638
Flexural Yield Strength	125 MPa	18100 psi	ASTM D790
Flexural Modulus	3.50 GPa	508 ksi	ASTM D790
Izod Impact, Notched	0.950 J/cm	1.78 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	147 °C	297 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	143 °C	289 °F	ASTM D648
Flammability, UL94	V-2	V-2	

Processing Properties	Metric	English	Comments
Processing Temperature	270 - 330 °C	518 - 626 °F	
Mold Temperature	90.0 - 110 °C	194 - 230 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China