

## E-Polymers TEKANATE™ G715FR , Flame Retardant, 15% Glass Fiber Reinforced Poly Carbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Glass Fiber Filled, Flame Retardant

### Material Notes:

15% Glass Fiber reinforced, Flame Retardant Information provided by E-Polymers Co. Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_E-Polymers-TEKANATE-G715FR-Flame-Retardant-15-Glass-Fiber-Reinforced-Poly-Carbonate.php](http://www.lookpolymers.com/polymer_E-Polymers-TEKANATE-G715FR-Flame-Retardant-15-Glass-Fiber-Reinforced-Poly-Carbonate.php)

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	124	124	ASTM D785
Tensile Strength, Yield	130 MPa	18900 psi	ASTM D638
Elongation at Break	9.0 %	9.0 %	ASTM D638
Flexural Yield Strength	140 MPa	20300 psi	ASTM D790
Flexural Modulus	4.60 GPa	667 ksi	ASTM D790
Izod Impact, Notched	1.00 J/cm	1.87 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	143 °C	289 °F	ASTM D648
Flammability, UL94	V-0	V-0	

Processing Properties	Metric	English	Comments
Processing Temperature	270 - 330 °C	518 - 626 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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