

## E-Polymers TEKANATE® G7013 General Purpose Easy Molding Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC)

**Material Notes:**

Modified Poly Carbonate: TEKANATE is a modified PC by improving polycarbonate resins with features of halogen-free flammability, transparency, impact resistance and reinforced fiberglass. It shows high dimensional stability and rigidity. Information Provided by E-Polymers Co., Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_E-Polymers-TEKANATE-G7013-General-Purpose-Easy-Molding-Polycarbonate.php](http://www.lookpolymers.com/polymer_E-Polymers-TEKANATE-G7013-General-Purpose-Easy-Molding-Polycarbonate.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	
Linear Mold Shrinkage, Transverse	0.0080 cm/cm	0.0080 in/in	
Melt Flow	13 g/10 min @Load 1.20 kg, Temperature 300 °C	13 g/10 min @Load 2.65 lb, Temperature 572 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	62.88 MPa	9120 psi	ASTM D638
Elongation at Break	137 %	137 %	ASTM D638
Flexural Strength	91.23 MPa	13230 psi	ASTM D790
Flexural Modulus	2.093 GPa	303.6 ksi	ASTM D790
Izod Impact, Notched	8.83 J/cm	16.5 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	>= 130 °C	>= 266 °F	ASTM D648
Flammability, UL94	V-2	V-2	

Processing Properties	Metric	English	Comments
Melt Temperature	270 - 300 °C	518 - 572 °F	
Mold Temperature	80.0 °C	176 °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**