

## E-Polymers Tekaster® F615G30 , 30% Glass Fiber Reinforced PET

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), 30% Glass Reinforced

### Material Notes:

30% Glass Fiber reinforced, High strength, Information provided by E-Polymers Co. Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_E-Polymers-Tekaster-F615G30-30-Glass-Fiber-Reinforced-PET.php](http://www.lookpolymers.com/polymer_E-Polymers-Tekaster-F615G30-30-Glass-Fiber-Reinforced-PET.php)

Physical Properties	Metric	English	Comments
Density	1.56 g/cc	0.0564 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0025 cm/cm	0.0025 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	95	95	ASTM D785
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength, Yield	155 MPa	22500 psi	ASTM D638
Elongation at Break	2.7 %	2.7 %	ASTM D638
Flexural Yield Strength	235 MPa	34100 psi	ASTM D790
Flexural Modulus	8.90 GPa	1290 ksi	ASTM D790
Izod Impact, Notched	1.01 J/cm	1.89 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	254 °C	489 °F	ASTM D3418
Flammability, UL94	HB	HB	

Processing Properties	Metric	English	Comments
Processing Temperature	270 - 290 °C	518 - 554 °F	
Mold Temperature	80.0 - 100 °C	176 - 212 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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