

## MRC Polymers MAXNITE<sup>®</sup>,ç 550 GF30 PET, 30% Glass Mineral Reinforced

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), Glass/Mineral Reinforced

**Material Notes:**

Information provided by MRC Polymers Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MRC-Polymers-MAXNITE-550-GF30-PET-30-Glass-Mineral-Reinforced.php](http://www.lookpolymers.com/polymer_MRC-Polymers-MAXNITE-550-GF30-PET-30-Glass-Mineral-Reinforced.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.53 g/cc	1.53 g/cc	ASTM D 792
Water Absorption	0.060 %	0.060 %	ASTM D 570
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D 696

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	118	118	ASTM D 785
Tensile Strength	117.2 MPa	17000 psi	ASTM D 638
Elongation at Break	3.0 %	3.0 %	ASTM D 638
Flexural Strength	182.8 MPa	26510 psi	ASTM D 790
Flexural Modulus	6.89 GPa	999 ksi	ASTM D 790
Izod Impact, Notched	0.747 J/cm	1.40 ft-lb/in	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	221 Â°C	430 Â°F	ASTM D 648
Deflection Temperature at 1.8 MPa (264 psi)	205 Â°C	401 Â°F	ASTM D 648

## Contact Songhan Plastic Technology Co.,Ltd.

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