

## GEHR Plastics PA 6.6-30GF Nylon 6.6, 30% Glass Fiber, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_GEHR-Plastics-PA-66-30GF-Nylon-66-30-Glass-Fiber-Conditioned.php](http://www.lookpolymers.com/polymer_GEHR-Plastics-PA-66-30GF-Nylon-66-30-Glass-Fiber-Conditioned.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 g/cc	1.29 g/cc	ISO 1183
Water Absorption	5.5 %	5.5 %	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	75.0 MPa	10900 psi	ISO 527
Elongation at Break	12 %	12 %	ISO 527
Modulus of Elasticity	3.20 GPa	464 ksi	ISO 527

Electrical Properties	Metric	English	Comments
Volume Resistivity	$\geq 1.00e+13$ ohm-cm	$\geq 1.00e+13$ ohm-cm	VDE 0303
Surface Resistivity per Square	$\geq 1.00e+12$ ohm	$\geq 1.00e+12$ ohm	VDE 0303
Dielectric Constant	3.9	3.9	DIN 53483
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dielectric Strength	20.0 kV/mm	508 kV/in	VDE 0303
Dielectric Loss Index	0.040	0.040	DIN 53483
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

Descriptive Properties	Value	Comments
Aromatic Resistance	limited	
Color	Black	
Hydrocarbonate Resistance	limited	
Ketone Resistance	limited	
Resistance Against Hot Water	limited	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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