

## GEHR Plastics PA 6.6 Nylon 6.6, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ISO 1183
Water Absorption	8.0 %	8.0 %	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.0 MPa	7980 psi	ISO 527
Elongation at Yield	>= 100 %	>= 100 %	ISO 527
Modulus of Elasticity	1.65 GPa	239 ksi	ISO 527

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+12 ohm-cm	>= 1.00e+12 ohm-cm	VDE 0303
Surface Resistivity per Square	>= 1.00e+12 ohm	>= 1.00e+12 ohm	VDE 0303
Dielectric Constant	3.8	3.8	DIN 53483
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dielectric Strength	18.0 kV/mm	457 kV/in	VDE 0303
Dielectric Loss Index	0.060	0.060	DIN 53483
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

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

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

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