

## Techmer ES Electrafil<sup>®</sup> M-1322 PA66 / PA6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 66

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Techmer-ES-Electrafil-M-1322-PA66-PA6.php](http://www.lookpolymers.com/polymer_Techmer-ES-Electrafil-M-1322-PA66-PA6.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.23 g/cc	1.23 g/cc	ASTM D792
Water Absorption	1.0 %	1.0 %	24 Hrs; ASTM D570
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	193 MPa	28000 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Strength	290 MPa	42000 psi	ASTM D790
Flexural Modulus	15.2 GPa	2200 ksi	ASTM D790
Izod Impact, Notched	0.694 J/cm	1.30 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	254 Â°C	490 Â°F	ASTM D648

Electrical Properties	Metric	English	Comments
Volume Resistivity	10 - 100 ohm-cm	10 - 100 ohm-cm	ASTM D648
Surface Resistivity per Square	1000 - 10000 ohm	1000 - 10000 ohm	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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