

## Techmer ES Electrafil<sup>®</sup> J-4/25/CF/15 BK PA6/12

Category : Polymer , Thermoplastic , Nylon , Nylon 612 , Nylon 612, Carbon Fiber Filler

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Techmer-ES-Electrafil-J-425CF15-BK-PA612.php](http://www.lookpolymers.com/polymer_Techmer-ES-Electrafil-J-425CF15-BK-PA612.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 g/cc	1.34 g/cc	ASTM D792
Water Absorption	0.15 %	0.15 %	24 Hrs; ASTM D570
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	193 MPa	28000 psi	ASTM D638
Elongation at Break	3.3 %	3.3 %	ASTM D638
Flexural Strength	296 MPa	43000 psi	ASTM D790
Flexural Modulus	14.1 GPa	2050 ksi	ASTM D790
Izod Impact, Notched	0.801 J/cm	1.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	204 Â°C	400 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	100 - 10000 ohm	100 - 10000 ohm	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China