

Techmer ES Electrafil® NY-3/EC BK PA6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-Electrafil-NY-3EC-BK-PA6.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	ASTM D792
Water Absorption	0.11 %	0.11 %	24 Hrs; ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	89.6 MPa	13000 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Strength	131 MPa	19000 psi	ASTM D790
Flexural Modulus	4.21 GPa	610 ksi	ASTM D790
Izod Impact, Notched	0.320 J/cm	0.600 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	127 Â°C	260 Â°F	ASTM D648

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	100 - 1000 ohm	100 - 1000 ohm	ASTM D648

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