

## Techmer ES Electrafil<sup>®</sup> ABS-1200/SD/FR BL ABS

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Techmer-ES-Electrafil-ABS-1200SDFR-BL-ABS.php](http://www.lookpolymers.com/polymer_Techmer-ES-Electrafil-ABS-1200SDFR-BL-ABS.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.21 g/cc	1.21 g/cc	ASTM D792
Water Absorption	0.30 %	0.30 %	24 Hrs; ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	41.4 MPa	6000 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Tensile Modulus	2.14 GPa	310 ksi	ASTM D638
Flexural Strength	44.8 MPa	6500 psi	ASTM D790
Flexural Modulus	1.31 GPa	190 ksi	ASTM D790
Izod Impact, Notched	1.33 J/cm	2.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	71.1 Å°C	160 Å°F	ASTM D648
Flammability, UL94	V-0 @Thickness 1.59 mm	V-0 @Thickness 0.0625 in	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	1.00e+10 - 1.00e+12 ohm	1.00e+10 - 1.00e+12 ohm	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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