

**Electrafil® J-4/25/CF/15 BK**

 Techmer Polymer Modifiers - *Polyamide 612*
**General Information**
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Material Status	<ul style="list-style-type: none"> <li>Commercial: Active</li> </ul>		
Availability	<ul style="list-style-type: none"> <li>Africa &amp; Middle East</li> <li>Asia Pacific</li> </ul>	<ul style="list-style-type: none"> <li>Europe</li> <li>Latin America</li> </ul>	<ul style="list-style-type: none"> <li>North America</li> </ul>
RoHS Compliance	<ul style="list-style-type: none"> <li>RoHS Compliant</li> </ul>		
Forms	<ul style="list-style-type: none"> <li>Pellets</li> </ul>		

**Properties <sup>1</sup>**

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density / Specific Gravity	1.34		ASTM D792
Molding Shrinkage - Flow (0.125 in)	1.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.15	%	ASTM D570
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Strength	28000	psi	ASTM D638
Tensile Elongation (Break)	3.3	%	ASTM D638
Flexural Modulus	2.05E+6	psi	ASTM D790
Flexural Strength	43000	psi	ASTM D790
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Notched Izod Impact	1.5	ft·lb/in	ASTM D256
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Deflection Temperature Under Load (264 psi, Unannealed)	400	°F	ASTM D648
<b>Electrical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Surface Resistivity	5.1E+3	ohms	ASTM D257
Volume Resistivity	55	ohms·cm	ASTM D257

**Additional Information**

Surface Resistivity, Techmer Test Method: 100 to 10000 ohm  
 Volume Resistivity, Techmer Test Method: 10 to 100 ohm-cm

**Notes**

<sup>1</sup> Typical properties: these are not to be construed as specifications.

