

**Electrafil® 02056 BKN**

 Techmer Polymer Modifiers - *Polypropylene*
**General Information**

<b>General</b>	
Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Filler
Features	• Conductive
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

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

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density / Specific Gravity	0.930		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	7.0	g/10 min	ASTM D1238
Water Absorption (24 hr)	0.014	%	ASTM D570
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Strength (Yield)	3100	psi	ASTM D638
Tensile Elongation (Break)	20	%	ASTM D638
Flexural Modulus	140000	psi	ASTM D790
Flexural Strength	3900	psi	ASTM D790
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Notched Izod Impact (73°F, 0.125 in)	No Break		ASTM D256
Unnotched Izod Impact (0.125 in)	No Break		ASTM D4812
<b>Hardness</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Rockwell Hardness (R-Scale)	85		ASTM D785
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Deflection Temperature Under Load (264 psi, Unannealed)	120	°F	ASTM D648
CLTE - Flow	4.6E-5	in/in/°F	ASTM D696
<b>Electrical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Surface Resistivity	1.0E+8 to 1.0E+12	ohms	ASTM D257
Volume Resistivity	1.0E+8 to 1.0E+12	ohms·cm	ASTM D257
<b>Additional Information</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
TPCI #	9109116		

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