

Electrafil® 02010 MB

 Techmer Polymer Modifiers - *Polypropylene*
General Information

General	
Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> North America
Filler / Reinforcement	<ul style="list-style-type: none"> Filler
Features	<ul style="list-style-type: none"> Conductive
Appearance	<ul style="list-style-type: none"> Black
Forms	<ul style="list-style-type: none"> Pellets
Processing Method	<ul style="list-style-type: none"> Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.955		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/10.0 kg)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2800	psi	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	140000	psi	ASTM D790
Flexural Strength	4000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	6.0	ft-lb/in	ASTM D256
Unnotched Izod Impact (0.125 in)	No Break		ASTM D4812
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	3.8E-5	in/in/°F	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2 to 1.0E+5	ohms	ASTM D257
Volume Resistivity	1.0E+3	ohms·cm	ASTM D257
Additional Information	Nominal Value	Unit	Test Method
TPCI #	9125116		

Notes

¹ Typical properties: these are not to be construed as specifications.

