

Electrafil® 02010 MB

Polypropylene

Techmer Engineered Solutions

Message:

Electrafil® 02010 MB is a Polypropylene product filled with filler. It can be processed by injection molding and is available in North America. Primary characteristic: conductive.

General Information			
Filler / Reinforcement	Filler		
Features	Conductive		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.953	g/cm ³	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)	19.3	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	965	MPa	ASTM D790
Flexural Strength	27.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	320	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	6.8E-5	cm/cm/°C	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		
TPCI #	9125116		

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Recommended distributors for this material

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