

Creating Material Change



Electrical Masterbatch Technical Data Sheet



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Electrical Masterbatch

Haydale's electrically enhanced masterbatch has been specifically designed to enhance the electrical conductivity of epoxy resin systems for use in conductive and electrical dissipative laminates. The enhanced resin provides improved performance for use in:

- Lightning strike
- Edge glow
- Electrical screening
- Anti-static products

Product code: MB00008
Physical form: Liquid
Appearance: Black, Grey
Product status: Commercial
Resin chemistry: Epoxy

MB00008 Properties (as supplied)

Property Tested	Sample Thickness (mm)	Testing Conditions	Method Standard	Units	Value
Volume Resistivity	3	23±2°C/50±10%RH/25V	ASTM* D257	Ω.cm	8.59E+06
Surface Resistivity	3	23±2°C/50±10%RH/25V	ASTM* D257	Ω/square	1.29E+06
Complex Viscosity	N/A	60°C	ASTM D7271	Pa.s	20.04
Viscosity	N/A	60°C	ASTM D7271	Pa.s	14.79

*Volume and surface resistivity tested at an external facility with ISO/IEC 17025:2005 and NADCAP AC7122/1 accreditations.

Processing recommendations will be supplied on purchase.

Please contact us for bespoke formulations into alternative resin chemistries.

The content supplied in this technical data sheet ("Information") supersedes all previous versions supplied. Version 5, October 2020

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