



ASTM D- 257 RESISTIVITY CERTIFICATE

This is to certify that the series specified are categorized as Static Dissipative as per ASTM E5A standards & the Electrical Resistance tests performed as per ASTM D257

ASTM E5A, 2007 (2009) Standard on Charge Dissipation

Charge Dissipation by electrical conduction through the volume of the material or on the surface is an important property as it can allow the charge to be drained safely away from a sensitive material. Charge Dissipation is basically a measure of electrical resistance.

The ASTM E5A, 2007 (2009) standard specifies charge dissipation as resistivity in the units of Ohm-cm, which is taken from the ASTM test D257.

The E5A standard categorizes materials into 3 levels of charge dissipation according to the surface and volume resistances.

A conductive material has a resistivity of less than 1×10^7 Ohm-cm.

A static dissipative material has a resistivity of 1×10^7 Ohm-cm or greater but less than 1×10^{11} Ohm-cm. Its resistivity indicated has a resistivity of 1×10^{11} Ohm-cm or greater.

ASTM D257, 2007	
Manufacturer/Trade Name of Material	Asystech Electronics & Components and Vishay Measurements Group Inc.
Part Number	ASTM D257, 2007
Designation	ASTM D257, 2007 (2009) Standard on Charge Dissipation
Material	Electrical Insulation
Volume	111.20-202 (111.20)
Surface	111.20-202 (111.20)

Remarks: The material is to be used in contact with food containing fat & also with vapours.