

Conductive Silicone Sheeting Datasheet

Product Code: RC0323-EC

Product Description

This electrically-conductive silicone sheeting provides protection against electrostatic discharge, as well as acting as a low amperage conductor. This makes it ideal for applications involving sensitive electronic components where shielding from RFI and EMI is vital. It also maintains the standard silicone qualities of high temperature stability and UV resistance.

Technical Specification



Property	Test Method	Value
Material	-	Carbon black-filled silicone
Colour	-	Black
Density	ASTM D297	1.17g/cm ³
Hardness (Shore A)	ASTM D2240	65° ±5
Tensile Strength	ASTM D412	5.2MPa
Elongation at Break	ASTM D412	260%
Compression Set (25% for 70 hours at 150°C)	ASTM D395	26%
Tear Strength	ASTM D624	8kN/m
Electrical Conductivity	ASTM D991	5Ω.cm
Operating Temperature Range	-	-62°C to +225°C



ISO
9001 : 2015
REGISTERED

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