

EMSF-311

Anti-Sulphur Corrosive Silicone RTV

PRODUCT DESCRIPTION

EMSF-311 is a thermally conductive silicone RTV adhesive with single alcoxy type component room temperature. It is solvent free and excellent electrical insulation. The EMSF-311 is a RoHS compliance product and protection from sulphur corrosion. The EMSF-311 has a wide application in assembly industries such as electronics board protection. EMSF-311 has a high hardness and dry immediately, it could be remove after apply.

TECHNICAL PROPERTIES

Prior to Cure	
Cure Type	Alcoxy
Appearance	Flow paste
Color	Translucent
Specific gravity, g/cm ³	1.00
Viscosity	360

At Cure	
Tack-free time min	9
Skin-over time, min	15
Cure rate (23 °C, 50% RH) 2 day, mm	>5
Working Temperature, °C	5 to 40

After Cure	
Specific Gravity , g/cm ³	1.00
Durometer Hardness (Shore A)	28
Temperature Tolerance, °C	-55 to 200
Electrical Properties	
Dielectric strength (kV/mm)	22
Volume resistivity (Ohm.cm)	3×10^{15}
Dissipation factor (50Hz)	3×10^{-3}
Dielectric constant (50Hz)	3

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assure legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made. Properties are typical and not to be used as specifications.

HOW TO USE

1. May apply in various types of coating such as brush, dipping and spray, recommended coating thickness greater than 0.1mm.
2. Thickness of layer will affect quality of electronic circuit.

PACKAGE

Generally pack in 1kg tin. It can also be supplied in other packages as required by users.

STORAGE

Store in cool and dry place which under temperature 25 ° C. Unopened product has a usable life of 12 months under the suggested storage condition.

HEALTH AND SAFETY

Refer to the MSDS for guidance on safety and health issues.

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