

IMT-EE1075 CONDUCTIVE EPOXY ADHESIVE

IMT-EE1075 is a two components, general purpose conductive epoxy adhesive. This product is formulated to cure at low or room temperature for one day. It possesses excellent adhesion property to various metals, ceramic, plastics and printed circuit boards as well as exhibiting good electrical conductivity.

This product standard packaging is in container or jar form. However, we could prepare in dual cartridge for ease in dispensing purpose.

IMT-EE1075 is non-solvent based and a 100% solid system. It complies to RoHS3, EU directive 2015/863, Substances of Very High Concern (SVHC) published by ECHA as well as Halogen Free.

TYPICAL PROPERTIES*

Mix Ratio (by Weight)	100 Parts of A to 24.08 Parts of B
Cure Conditions (Actual holding temperature & time)	1. 90°C for 30mins 2. 80°C for 60mins 3. Room temperature for at least 24hours
Pot Life	≤ 30mins at room temperature
Shelf Life	12 months at room temperature

Physical Properties

Color	Light copper before & after cure
Consistency	Soft thixotropic paste
Specific Gravity	1.59
Viscosity of Part A @25°C, 5rpm	≤ 50,000cPs
Viscosity of Part B @25°C, 100rpm	≤ 600cPs
Operating Temperature	-30°C to +60°C

Electrical & Thermal Properties

Volume Resistivity @90°C-0.5h	≤ 0.0015Ω-cm
Thermal conductivity	1.5W/mK

Ionic Contaminants

Chloride, Cl-	< 700ppm
Bromine, Br-	Not detected
PVC	Not detected

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* The information is based on data and tests believed to be accurate. In-Mat Technologies (S) Pte Ltd makes no warranties as to its accuracy and assumes no liability in connection with the use or inability to use this product.