EverTherm™

Technical Data Sheet

EVSE35 Thermal Putty

EVSE35 is a soft one-component silicone-based thermal putty with high thermal conductivity, low interfacial thermal resistance and good thixotropy. EVSE35 thermal putty is an ideal material for applications with large gap tolerances. EVSE35 thermal putty is filled between the electronic components to be cooled and the heat sink/housing, etc., making them in close contact, reducing the thermal resistance, and quickly and effectively reducing the temperature of the electronic components, thereby extending the life of the electronic components and improving their reliability. The EVSE35 thermal putty can be applied by hand or by dispensing equipment.

Product performance	Test Results	Test Methods
Colour	Pink	Visual
Extrusion speed (30ccEFDcartridges1"orifice 90psi)	25g/min	**
Specific gravity	3.0g/cm3	Helium true density method
Thermal Conductivity	3.5W/mK	ASTM D5470
Dielectric breakdown strength	>250 VAC/mil	ASTM D149
Dielectric constant	5.5	ASTM D150
Minimum interface thickness	0.09mm	**
Operating temperature	-50~200	**
Storage time	12month	**
Flame retardancy	V-0	UL 94
RoHS	PASS	IEC 62321
Halogen	PASS	EN14582
REACH	PASS	EN14372

Our products have passed 1000 hours cold and hot shock test,1000 hours double 85 test,1000 hours high temperature aging test. CRT is committed to providing the most reliable heat conduction solutions for automobile, communication, security and other industries.

Applications

- Hard disk, mobile phone
- Optical precision equipment
- Laptop
- Mobile and communication equipment
- Automobile engine control equipment
- High-end industrial control and medical electronics

CR Technology, Inc

55 Chase St. Methuen,
Massachusetts 01844

sales@crtechinc.com

978.681.5300