

## Product description

- Blue cement
- Pre-curing type
- Self-adhesive

## Product features

- High thermal conductivity, high thixotropy
- Excellent weather and aging resistance
- Working temperature -40-150°C
- RoHS Directive

## Typical applications

- Heat dissipation in new energy vehicle cells and modules; electronic components, flip-chips, transformers, high-power LEDs and other applications with similar heat dissipation needs

## Directions for use

- Before use, clean the surface to be applied and remove oil and dirt.
- The sizing surface should be even and consistent, as long as a thin layer is applied.
- To avoid being polluted by dust and other impurities, the product should not be exposed to the air for a long time.

## Technical parameters

Reference standard	Item	Unit	Value
GB/T 13354	Density	g/cm <sup>3</sup>	2.0-2.2
Q/HTXC 1	Flow velocity	g/min	20-40
ISO22007	Thermal conductivity	W/ m·K	2.0±10%
GB/T2408	Flame retardant	/	V0
GB/T2408	Volume resistivity	Ω·cm	≥1.0×10 <sup>12</sup>
ASTM D149	Dielectric strength	Kv/mm	≥5
ASTM D5470	Minimum thickness	mm	0.12

Note: The reference standards are not dated and their latest versions are applicable to this document.

## Cautions

Keep away from children for storage.

Use the mixed compound at once to avoid waste.

The adhesive will not cure when exposed to a certain amount of the following chemicals:

- N,P,S organic compounds
- Ionic compounds of Sn, Pb, Hg, As, etc.
- Containing alkynes and polyvinyl compounds

In order to avoid the above phenomenon, so when used on the circuit board wipe the residual rosin, try to use low lead content of solder.

Please consult the MSDS of the product for details.

## Storage

Store below 35°C in a cool and dry place.

Shelf life is 6 months.

## Packing specification

Order code: 950304 650g/tube

Note:

The data in this document were obtained under laboratory conditions. Due to differences in the operating environment, the user can refer to these data and operating conditions for analysis and testing. Huitian does not guarantee the sale of products or the use of the products under specific working conditions and does not accept any liability for direct, indirect or incidental damage. If users encounter any problems in the process of use, please contact the technical service department of Huitian New Material and all assistance will be provided.

