KGK CHEMICAL CORPORATION

#1 Coating Technology in The World
Molecule Gradient Layer (MGL)™ Technology

Thermal conductive Acrylic gel sheet

Tathaga

Feature

① Because it is non-silicon type, there is no influence of volatilization of "siloxane", contact point inhibition of electronic parts and glass contamination are few

② Because filler with excellent filling property is used, it has high thermal conductivity

③ Because it is a smooth material, it also follows the large uneven parts

④ Since adhesiveness is excellent, the adhesive thermal resistance is reduced

⑤ Since the stress relaxation characteristics are excellent,
the pressure to the electronic element after incorporation can be reduced

Application

Heat dissipation of components such as electronic products

Structure

Heat conductor dispersion soft acrylic resin

Properties

Item	Thickness (mm)	Thermal conductivity (W/m･K)	Adhesive Force (N/inch)
KBS30	0.3	1.3	5.0
HTAG30	0.3	3.0	4.0

※Measure method

Thermal conductivity JIS R1611 JIS A1412

Adhesive force JIS Z0237

※Measurement conditions:

Adhesive force PET#25 backing, peeling speed 300mm/min, 180° angle.

Precautions on use

All technical data are prepared based on the tests and measured values carried out in the laboratory of KGK Chemical Corp. as the standard.

However, product characteristics may vary greatly depending on environment and adherend.

Therefore, regarding these characteristic data, it is a reference value, not a guaranteed value.

Before using it please make sure that this product is suitable for the intended use and environment.

Caution on storage

Please be sure to put it in a box and keep it.

Please choose a cold and dark place not to be exposed to direct sunlight for the storage location.

In particular, please do not expose to high temperature and high humidity

(temperature 30 ℃ or more and humidity 50% or more forbidden).

The warranty period of the tape is unopened and it is six months after shipment.

KGK Chemical Corp.
940 Minaminagai Tokorozawa-City saitama-Pref
359-0011 Japan
Tel： +81 4 2944 5151
Mail： postbox@kgk-tape.co.jp
URL： http://www.kgk-tape.co.jp/

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