



tesa® 60742

Product Information



tesa® 60742 10 µm Ultra-thin thermal management tape

Product Description

tesa® 60742 is a ultra-thin thermal management transfer tape which is designed for high thermal conductivity with strong mounting on heat source or heat spreading material such as display, MLB, and components in electronics devices.

Product Features

- Ultra-thin thickness
- High thermal conductivity in z-direction
- Strong bonding strength
- Excellent surface wet-out
- Easy handling
- Excellent electrical insulation

Application Fields

- Ultra-thin component mounting wherever heat transfer is needed
- Heat dissipation from MLB / FPC to heat spreader
- Graphite sheet module

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

- | | | | |
|--------------------|----------|-------------------|-------------|
| • Backing material | none | • Total thickness | 10 µm |
| • Type of adhesive | acrylic | • Colour | white |
| • Type of liner | PET film | • Colour of liner | transparent |

Properties/Performance Values

- | | | | |
|------------------------------------|----------|-----------|------|
| • Breakdown voltage | 0.4 KV | • Wetting | 79 % |
| • Thermal conductivity z-direction | 0.6 W/mK | | |

Adhesion to Values

- | | |
|-------------------|----------|
| • Steel (initial) | 3.5 N/cm |
|-------------------|----------|



tesa® 60742

Product Information

Additional Information

Thermal conductivity measured by ASTM D5470

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



For latest information on this product please visit <http://l.tesa.com/?ip=60742>