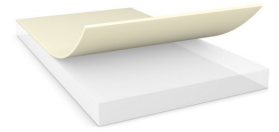


tesa® 58398

Product Information



tesa® 58398 400 µm thermal conductive tape

Product Description

tesa® 58398 is a 400µm thermally conductive tape.

Product Features

- It is equipped with special acrylic adhesive that provide certain thermal conductivity when it applies between heat source and heat sink.
- It has good performance on polar substrates.

Application Fields

Applied between heat source and heat sink to transfer the heat.

- Battery module cooling plate mounting
- Power electronics unit
- FPC and PCB

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 | none | • Color | white |
| • Type of adhesive | acrylic | • Color of liner | white |

Product Assortment

- | | | | |
|-------------------------|--------|---------------------|--------------------|
| • Available thicknesses | 400 µm | • Available formats | Log roll, A4 sheet |
| • Available colors | white | | |

Properties/Performance Values

- | | | | |
|-----------------------|------------------------|-------------------------------------|-----------|
| • Breakdown voltage | 6 KV | • Temperature resistance (-40°C) | very good |
| • Density | 1.65 g/cm ³ | • Temperature resistance (125°C) | very good |
| • Flame retardancy | V2 | • Temperature resistance short term | 150 °C |
| • Hardness - Shore 00 | 74 STK | • Thermal conductivity z-direction | 1.3 W/mK |
| • Release of liner | easy | | |

Adhesion to Values

- | | | | |
|-------------------|--------|---------------------------|--------|
| • Steel (initial) | 3 N/cm | • Steel (20min @ RT, 90°) | 3 N/cm |
|-------------------|--------|---------------------------|--------|

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Product Information

Additional Information

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

Thermal conductivity tested according to ISO 22007-2:2022.

Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=58398>