

tesa[®] 58395

Product Information



tesa[®] 58395 250µm thermal conductive tape

Product Description

tesa[®] 58395 is a 250µm thermal conductive tape.

Product Features

- It provides certain thermal conductivity with its thermally conductive fillers when it is applied between heat source and heat sink to transfer the heat.
- It has very good bonding performance on polar substrate.

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 material | none | • Colour | white |
| • Type of adhesive | acrylic | • Colour of liner | white |

Product Assortment

- | | | | |
|-------------------------|--------|---------------------|--------------------|
| • Available thicknesses | 250 µm | • Available formats | Log roll, A4 Sheet |
| • Available colors | white | • Available liners | paper |

Properties/Performance Values

- | | | | |
|-----------------------|------------------------|--|-----------|
| • Breakdown voltage | 4 KV | • Temperature resistance (-40°C) | very good |
| • Density | 1.73 g/cm ³ | • Temperature resistance (125°C) | very good |
| • Flame retardancy | V2 | • Temperature resistance short term duration | 150 °C |
| • Hardness - Shore 00 | 70 STK | • Thermal conductivity z-direction | 1.3 W/mK |
| • Release of liner | easy | | |

Adhesion to Values

- | | | | |
|-------------------|----------|---------------------------|----------|
| • Steel (initial) | 2.5 N/cm | • Steel (20min @ RT, 90°) | 2.5 N/cm |
|-------------------|----------|---------------------------|----------|

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Additional Information

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Disclaimer

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