tesa® 58326

Product Information

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Product Description

tesa® 58326 is a 1200 µm thermally conductive pad. This acrylic based thermally conductive product provides high thermal conductivity with its thermally conductive fillers when it is applied between heat source and heat sink to transfer the heat. Besides that, it also has excellent electrical insulation property and flame retardancy.

Product Features

- This product 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:

- EV battery between module and cooling system
- Power electronics between chips
- PCB and heat sink

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

• Type of liner	PET film	• Color	white
• Backing material	none	• Color of liner	transparent
• Type of adhesive	acrylic	• Thickness of liner	75 µm
• Total thickness	1200 µm		

Product Assortment

• Available colors	White	• Available formats	Log roll, A4 sheet
• Available thicknesses	1200		

For latest information on this product please visit http://l.tesa.com/?ip=58326

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Properties/Performance Values

- Breakdown voltage: 15 KV
- Density: 1.9 g/cm³
- Flame retardancy: V0
- Hardness - Shore 00: 87 STK
- Release of liner: easy
- Surface resistance: 10^9 Ohm.cm
- Temperature resistance (-40°C): very good
- Temperature resistance (125°C): very good
- Temperature resistance short term: 200 °C
- Thermal conductivity z-direction: 2 W/mK
- Volume resistance: 10^9 Ohm.cm

Adhesion to Values

- Aluminium (20 min. @ RT, 90°): 0.65 N/cm
- Steel (initial): 0.55 N/cm
- Steel (20min @ RT, 90°): 0.55 N/cm

Additional Information

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

Disclaimer

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