tesa® 58395

Product Information

tesa® 58395 250µm/9.8 mil thermal conductive tape

Product Description

tesa® 58395 is a 250um/9.8 mil thermally conductive transfer tape.

This product is equipped with special acyrlic adhesive that provide certain thermal conductivity when it applies between heat source and heat sink. Besides that, it has good mounting performance on polar substrate.

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

Product Assortment

• Available thicknesses	250 µm 9.8 mils	• Available formats	Log roll, A4 Sheet
		• Available liners	paper
• Available colors	white		

Properties/Performance Values

• Breakdown voltage	4 KV	• Temperature resistance (-40°C)	very good
• Density	1.73 g/cm³	• Temperature resistance (125°C)	very good
• Flame retardancy	V2	• Temperature resistance short term	150 °C 302 °F
• Hardness - Shore 00	70 STK		
• Release of liner	easy	• Thermal conductivity z-direction	1.3 W/mK

For latest information on this product please visit http://l.tesa.com/?ip=58395

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Adhesion to Values

• Steel (initial)	2.5 N/cm 22.8 oz/in	• Steel (20min @ RT, 90°)	2.5 N/cm 22.8 oz/in

Disclaimer

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