tesa® 54353

Product Information

245 µm mica electrical insulation tape

Product Description

tesa® 54353 is a 245 µm mica tape with a water-based acrylic adhesive. 54353® has been designed for electrical insulation applications at high temperatures.

Application Fields

Electrical insulation of metal parts and battery housing against dielectric shock in automotive battery packs.

Example application areas are:

- Battery housing top lid
- Battery housing floor
- Bus bar

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 adhesive	water-based acrylic	• Total thickness	245 µm
• Type of liner	PET		

Properties/Performance Values

• Dielectric breakdown voltage	2700 V	• Temperature resistance short term	500 °C
• Dielectric strength	12 kV/mm		

Additional Information

- High temperature resistance
- Electrical insulation
- Fire retardency

For latest information on this product please visit http://l.tesa.com/?ip=54353

tesa® 54353

Product Information

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=54353