

tesa® 58374

Product Information



tesa® 58374

Product Description

is a transparent 100µm double-sided flame retardant PET tape. This tape has especially been developed for power battery demanding mounting, lamination and converting application with flame retardant property as an added value. Due to its non-flammable property it is particularly designed to meet power battery automobile requirement.

Product Features

- Flame retardant UL94 VTM-0 equivalent
- Excellent initial bonding to polar substrate (Steel, Al, etc)
- Good reliability performance
- Good die-cutting ability for converting process
- Halogen-free

Application Fields

- Mounting in power battery olamination application required additional flame retardant property.

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 | PET | • Colour | transparent |
| • Type of adhesive | tackified acrylic | • Colour of liner | white with tesa logo |
| • Type of liner | glassine | • Thickness of liner | 69 µm |
| • Total thickness | 100 µm | | |

Properties/Performance Values

| | | | |
|-----------------------------------|--------|--|--------|
| • Dielectric breakdown voltage | 6000 V | • Temperature resistance long term duration | 125 °C |
| • Static shear resistance at 23°C | good | • Temperature resistance short term duration | 200 °C |

Adhesion to Values

| | | | |
|---------------------------------|----------|-------------------------|----------|
| • Aluminium (initial) | 7.3 N/cm | • PET (initial) | 8.5 N/cm |
| • Glass (initial) | 6.5 N/cm | • Steel (initial) | 8.2 N/cm |
| • Glass (covered side, initial) | 7.4 N/cm | • Steel (after 14 days) | 9.5 N/cm |

tesa® 58374

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=58374>