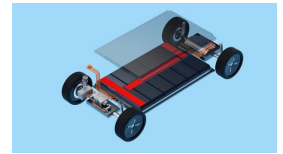




tesa[®] 58357

Product Information



is a 100µm single-sided transparent PET filmic tape.

Product Description

The tackified acrylic adhesive gives this product a very good peel strength and outstanding anti-repulsion property during lifetime. The 50µm transparent PET filmic backing offers excellent electrical insulation property. The PET liner ensures outstanding ability of converting. It can also meet the strict automotive environmental and long-term durability requirement.

Product Features

- Excellent electrical insulation property along with battery lifetime.
- Very good peel strength on polar substrate.
- Outstanding anti-repulsion performance on edge.
- Good for converting or die-cutting process.

Application Fields

- Electrical insulation with anti-repulsion 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 | transparent |
| • Type of liner | PET | • Thickness of liner | 36 µm |
| • Total thickness | 100 µm | | |

Properties/Performance Values

| | | | |
|-----------------------------------|----------|----------------------------------|-----------|
| • Elongation at break | 130 % | • Temperature resistance | very good |
| • Tensile strength | 70 N/cm | • Temperature resistance (-40°C) | good |
| • Breakdown voltage | 9 KV | • Temperature resistance (125°C) | good |
| • Dielectric strength | 90 kV/mm | • Temperature resistance max. | 120 °C |
| • Static shear resistance at 23°C | good | • Temperature resistance min. | -40 °C |

Adhesion to Values

| | | | |
|-----------------------------|----------|-------------------------|----------|
| • Aluminium (initial) | 5.9 N/cm | • PET (initial) | 4.1 N/cm |
| • Aluminium (after 14 days) | 9.2 N/cm | • PET (after 3 days) | 7.9 N/cm |
| • PC (initial) | 6 N/cm | • Steel (initial) | 6.8 N/cm |
| • PC (after 3 days) | 6.8 N/cm | • Steel (after 14 days) | 10 N/cm |

For latest information on this product please visit <http://l.tesa.com/?ip=58357>



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Product Information

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