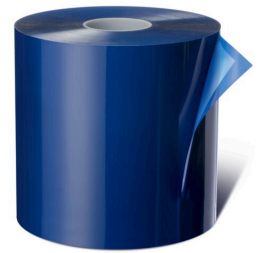




tesa[®] 58338

Product Information



85 µm PET tape for Electrical Insulation applications

Product Description

tesa[®] 58338 PV1 is a blue 85 µm PET tape with a water-based acrylic adhesive. tesa[®] 58338 PV1 has been designed for electrical insulation applications in EV batteries.

Product Features

- Dielectric breakdown and leakage current protection
- Anti-Repulsion performance
- Optimized for process automation and automated in-line detection
- Reworkability

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 film | • Total thickness | 85 µm |
| • Type of adhesive | water-based acrylic | • Colour of liner | transparent |
| • Type of liner | PET film | | |

Properties/Performance Values

- | | | | |
|-----------------------|---------|-----------------------|----------|
| • Elongation at break | 80 % | • CTI (adhesive side) | 600 V |
| • Tensile strength | 50 N/cm | • CTI (backing side) | 400 V |
| • Breakdown voltage | 7 KV | • Liner removal force | 40 cN/cm |

Adhesion to Values

- | | |
|---------|----------|
| • steel | 4.5 N/cm |
|---------|----------|



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Product Information

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For latest information on this product please visit <http://l.tesa.com/?ip=58338>