

tesa® 61024

Product Information



85 µm PCR-PET tape for Electrical Insulation applications

Product Description

tesa® 61024 is a blue 85 µm PCR-PET tape with a water-based acrylic adhesive. tesa® 61024 has been designed for electrical insulation applications in EV batteries.

Sustainable Aspects



For more information: <https://www.tesa.com/product-sustainability>

Product Features

- Dielectric breakdown and leakage current protection
- Anti-Repulsion performance
- Reworkability

Application Fields

- Cell-Wrapping
- Metal-Part Insulation

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 | • water-based acrylic | Bio-based carbon content of liner (acc. DIN EN 16640) |
| • Bio-based carbon content of liner (acc. DIN EN 16640) | 90 % | • Total thickness | 85 µm |

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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Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=61024>