

tesa® 7946

Product Information

Single-Sided Cell Fixation Tape

Product Description

tesa® 7946 is a transparent tape with a PET backing.

Product Features

- Its pure acrylic adhesive system combines good initial tack with high shear strength.
- The product features good insulating properties and can be efficiently applied in manual as well as automated process.

Application Fields

tesa® 7946 is particularly designed for

- Temporary fixation of cells in photovoltaic modules during lamination process
- Fixation and insulation of solar ribbons in thin film modules

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 | pure acrylic | • Color | transparent |
| • Total thickness | 56 µm | | |

Properties/Performance Values

- | | | | |
|-----------------------|------|-------------------------------------|--------|
| • Elongation at break | 55 % | • Temperature resistance short term | 200 °C |
|-----------------------|------|-------------------------------------|--------|

Additional Information

- Dielectric Strength: 154 kV/mm
- Surface resistivity 1,73E+15 Ω
- Volume resistivity 2,37E+15 Ωcm
- Dielectric strength according to ASTM-D-1000
- Surface / Volume resistivity according to ASTM-D-257

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