tesa® 7930

Product Information

30µm single sided matte black filmic tape

Product Description

tesa® 7930 is a matt single sided self-adhesive tape consisting of an ultra-thin PET film backing and a black tackified acrylic adhesive.

Special features:

* Thickness: 30µm

* Very good light blocking performance

* Ultra matte black surface with a gloss level of 2.5 %

* Excellent anti-fingerprint performance

* Very good scratch resistance

* High peel strength and shear resistance

* Excellent repulsion resistance properties

* Excellent resistance to demanding environmental conditions

Product Features

- Thickness: 30µm
- Very good light blocking performance
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- Excellent anti-fingerprint performance
- Very good scratch resistance
- High peel strength and shear resistance
- Excellent repulsion resistance properties
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Application Fields

- Fixation in LED light sources or Flat Panel displays

* Light shielding in consumer electronics parts

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be

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Product Information

Technical Information (average values)

used for specification purposes.

Product Construction

- Backing: PET film
- Type of adhesive: acrylic
- Type of liner: PET
- Total thickness: 30 µm
- Color of liner: transparent
- Thickness of liner: 50 µm

Properties/Performance Values

- Elongation at break: 70 %
- Tensile strength: 20 N/cm
- Dielectric breakdown voltage: 3500 V
- Optical density: 5.1
- Temperature resistance long term: 60 °C
- Temperature resistance short term: 130 °C

Adhesion to Values

- ABS (initial): 2.6 N/cm
- ABS (after 14 days): 3.2 N/cm
- Aluminium (initial): 2.3 N/cm
- Aluminium (after 14 days): 3 N/cm
- Glass (initial): 2 N/cm
- Glass (after 14 days): 2.8 N/cm
- PC (initial): 2.2 N/cm
- PC (after 14 days): 3 N/cm
- Steel (initial): 2.6 N/cm
- Steel (after 14 days): 3 N/cm

Disclaimer

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