tesa® 61010

Product Information

205µm/8.1 mils double sided transparent filmic tape

Product Description

tesa® 61010 is a transparent double-sided self-adhesive tape consisting of a PET backing and a tackyfied acrylic adhesive.

tesa® 61010 features especially:

- Reliable bond even to LSE substrates
- Immediate usability right after assembly
- Suitability for most demanding applications such as heavy stress, high temperatures or critical substrates

Product Features

- Reliable bond even to LSE substrates
- Immediate usability right after assembly
- Suitability for most demanding applications such as heavy stress, high temperatures or critical substrates

Application Fields

- mounting of decorative profiles
- mounting of several parts in electronic devices
- mounting of plastic parts in the automotive ind, such as ABS and PP
- self-adhesive mounting of rubber/EPDM profiles

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	PET film
Type of adhesive	tackified acrylic
Total thickness	205 µm 8.1 mils
Color	transparent

Properties/Performance Values

Elongation at break	50 %
Tensile strength	20 N/cm 11.4 lbs/in
Ageing resistance (UV)	very good
Chemical Resistance	good
Humidity resistance	very good
Softener resistance	good
Static shear resistance at 23°C	good
Static shear resistance at 40°C	good
Tack	good
Temperature resistance long term	100 °C 212 °F
Temperature resistance short term	200 °C 392 °F

For latest information on this product please visit http://l.tesa.com/?ip=61010

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Product Information

Adhesion to Values

- ABS (initial) 10.8 N/cm 98.7 oz/in
- ABS (after 14 days) 11.9 N/cm 108.7 oz/in
- Aluminium (initial) 10.2 N/cm 93.2 oz/in
- Aluminium (after 14 days) 12.6 N/cm 115.1 oz/in
- PC (initial) 12.2 N/cm 111.5 oz/in
- PC (after 14 days) 13.4 N/cm 122.4 oz/in
- PE (initial) 5.6 N/cm 51.2 oz/in
- PE (after 14 days) 6.6 N/cm 60.3 oz/in
- PET (initial) 9.8 N/cm 89.5 oz/in
- PET (after 14 days) 11.9 N/cm 108.7 oz/in
- PP (initial) 6 N/cm 54.8 oz/in
- PP (after 14 days) 8.8 N/cm 80.4 oz/in
- PS (initial) 10.4 N/cm 95 oz/in
- PS (after 14 days) 12.1 N/cm 110.5 oz/in
- PVC (initial) 9.6 N/cm 87.7 oz/in
- PVC (after 14 days) 12.8 N/cm 116.9 oz/in
- Steel (initial) 11.5 N/cm 105.1 oz/in
- Steel (after 14 days) 14 N/cm 127.9 oz/in

Additional Information

Liner variants:
PV0 red MOPP-film (80µm/3.1 mils; 72gr/sqm)
PV1 brown glassine paper (71µm/2.8 mils; 82gr/sqm)
This product information applies to PV1

Disclaimer

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