

tesa® 49652

Product Information



Sustainable Aspects

- Biomass balanced tackified acrylic adhesive
- 90% PCR PET in the backing



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

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 | 205 µm |
| • Type of adhesive | tackified acrylic | • Color | transparent |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|-------------------------------------|-----------|
| • Elongation at break | 50 % | • Static shear resistance at 23°C | very good |
| • Tensile strength | 20 N/cm | • Static shear resistance at 40°C | very good |
| • Ageing resistance (UV) | very good | • Tack | good |
| • Chemical resistance | good | • Temperature resistance long term | 100 °C |
| • Humidity resistance | very good | • Temperature resistance min. | -40 °C |
| • Softener resistance | good | • Temperature resistance short term | 200 °C |

Adhesion to Values

- | | | | |
|-----------------------------|-----------|-------------------------|-----------|
| • ABS (initial) | 10.3 N/cm | • PET (after 14 days) | 9.5 N/cm |
| • ABS (after 14 days) | 12 N/cm | • PP (initial) | 6.8 N/cm |
| • Aluminium (initial) | 9.2 N/cm | • PP (after 14 days) | 7.9 N/cm |
| • Aluminium (after 14 days) | 10.6 N/cm | • PS (initial) | 10.6 N/cm |
| • PC (initial) | 12.6 N/cm | • PS (after 14 days) | 12 N/cm |
| • PC (after 14 days) | 14 N/cm | • PVC (initial) | 8.7 N/cm |
| • PE (initial) | 5.8 N/cm | • PVC (after 14 days) | 13 N/cm |
| • PE (after 14 days) | 6.9 N/cm | • Steel (initial) | 11.5 N/cm |
| • PET (initial) | 9.2 N/cm | • Steel (after 14 days) | 11.8 N/cm |

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For latest information on this product please visit <http://l.tesa.com/?ip=49652>