tesa® 51865

Product Information

Sustainable Aspects

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: PET film
- Bio-based carbon content of liner (acc. DIN EN 16640): 90 %
- Type of adhesive: tackified acrylic
- Total thickness: 165 µm
- Color: transparent

Properties/Performance Values

- Elongation at break: 55 %
- Tensile strength: 20 N/cm
- Ageing resistance (UV): good
- Chemical Resistance: good
- Humidity resistance: very good
- Softener resistance: good
- Static shear resistance at 23°C: very good
- Static shear resistance at 40°C: very good
- Tack: good
- Temperature resistance long term: 100 °C
- Temperature resistance min.: -40 °C
- Temperature resistance short term: 200 °C

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Adhesion to Values

- ABS (initial) 9.5 N/cm
- ABS (after 14 days) 10 N/cm
- ABS (covered side, after 14 days) 13 N/cm
- ABS (covered side, initial) 12 N/cm
- Aluminium (initial) 9 N/cm
- Aluminium (after 14 days) 9.5 N/cm
- Aluminium (covered side, after 14 days) 12.5 N/cm
- Aluminium (covered side, initial) 12 N/cm
- PC (initial) 9 N/cm
- PC (after 14 days) 12 N/cm
- PC (covered side, after 14 days) 15 N/cm
- PC (covered side, initial) 13 N/cm
- PE (initial) 6.5 N/cm
- PE (after 14 days) 7 N/cm
- PE (covered side, after 14 days) 8 N/cm
- PE (covered side, initial) 7 N/cm
- PET (initial) 9 N/cm
- PET (after 14 days) 9.5 N/cm
- PET (covered side, after 14 days) 10.5 N/cm
- PET (covered side, initial) 10 N/cm
- PP (initial) 7 N/cm
- PP (after 14 days) 8 N/cm
- PP (covered side, after 14 days) 8.5 N/cm
- PP (covered side, initial) 8 N/cm
- PS (initial) 9 N/cm
- PS (after 14 days) 11 N/cm
- PS (covered side, after 14 days) 13.5 N/cm
- PS (covered side, initial) 12 N/cm
- PVC (initial) 7 N/cm
- PVC (after 14 days) 11 N/cm
- PVC (covered side, after 14 days) 14 N/cm
- PVC (covered side, initial) 9 N/cm
- Steel (initial) 9.6 N/cm
- Steel (after 14 days) 11.5 N/cm
- Steel (covered side, after 14 days) 14.5 N/cm
- Steel (covered side, initial) 13.3 N/cm

Certificates

Sustainability Certificates

tesa® 51865 Next Gen – Team 4965 Differential contains a 90% recycled PET backing, resulting in an average of 6% post-consumer recycled content (including red MOPP liner) in the tape. This is a third-party environmental claim validated against the UL Environmental Claim Validation Procedure 2809 for recycled content. The UL Environmental Claim Validation Program falls under UL's ISO/IEC17025 accreditation.

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Disclaimer

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For latest information on this product please visit http://l.tesa.com/?ip=51865