tesa® 4942

Product Information

140µm double sided transparent filmic tape

Product Description

tesa® 4942 is a double sided self-adhesive tape consisting of a transparent PET backing and a tackified acrylic adhesive.

Product Features

- Thickness: 140µm
- High bonding strength and shear resistance
- Very good handling performance in converting processes
- Excellent resistance to demanding environmental conditions

Application Fields

• Lens mounting in mobile phones
• Antenna mounting

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		• Color	transparent
• Type of adhesive	tackified acrylic		• Color of liner	brown
• Type of liner	glassine		• Thickness of liner	71 µm
• Total thickness	140 µm		• Weight of liner	82 g/m²

Properties/Performance Values

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

Adhesion to Values

• ABS (initial)	8.9 N/cm		• PE (initial)	5 N/cm
• ABS (after 14 days)	9.8 N/cm		• PE (after 14 days)	5.6 N/cm
• PC (initial)	10.8 N/cm		• Steel (initial)	11.8 N/cm
• PC (after 14 days)	12.1 N/cm		• Steel (after 14 days)	13 N/cm

For latest information on this product please visit http://l.tesa.com/?ip=04942

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