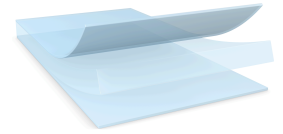




tesa® 88012

Product Information



Optically Clear Adhesive

Product Description

tesa® 880xx series OCA is acrylic adhesive with high transmittance. It is designed as PSA type for easy lamination of automotive parts. Its outgassing feature makes optical bonding free of bubbles. In addition, 880xx series shows outstanding yellowing resistance, which helps the final parts look good as new even after years.

Product Features

- High transmission and low haze
- High bonding strength
- Superb outgassing performance
- Outstanding yellowing resistance
- Excellent temperature, humidity and UV resistance
- Excellent ITO compatibility (acid free)
- Smooth and easy liner removal

Application Fields

tesa® 880xx OCA series is suitable for lamination between:

- Cover lens and display panel
- Glass and functional films
- Other optical laminations

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 | none | • Color | transparent |
| • Type of adhesive | acrylic | • Colour of liner | transparent |
| • Type of liner | PET | • Thickness of liner (easy release) | 75 µm |
| • Total thickness | 300 µm | • Thickness of liner (tight release) | 100 µm |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|---------------------------------|-------|
| • Ageing resistance (UV) | very good | • Refractive index | 1.47 |
| • Dielectric constant | 6.7 | • Release of liner - inside | tight |
| • Gap filling | 5 % | • Release of liner - outside | easy |
| • Haze < | 0.1 % | • Transmittance (380 - 780nm) > | 99 % |
| • Humidity resistance | very good | | |

For latest information on this product please visit <http://l.tesa.com/?ip=88012>



tesa[®] 88012

Product Information

Adhesion to Values

- | | | | |
|-------------------|----------|----------------|----------|
| • Glass (initial) | 7.9 N/cm | • PC (initial) | 8.2 N/cm |
|-------------------|----------|----------------|----------|

Disclaimer

tesa[®] products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa[®] product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



For latest information on this product please visit <http://l.tesa.com/?ip=88012>