tesa® 66022 low VOC

Product Information

220µm reinforced water based acrylic adhesive layer with PET scrim for mounting in automotive interiors

Product Description

tesa® 66022 is a conformable transparent adhesive layer of water based acrylic reinforced with a PET scrim mesh.

Features:
*very low total VOC values and no critical substances detectable
*high initial tack and peel adhesion
*high conformable design following 3D shapes
*provides excellent conformability and stability
*provides excellent initial adhesion to a wide variety of interior substrates
*suitable for the bonding to nonpolar plastics, foams, felts and fabrics
*suitable for a certain gap filling due to thick adhesive layer
*reliable adhesion performance for the whole vehicle life time
*the scrim provides a reinforcement of flexible substrates for improving converting efficiency and handling

Product Features

- Highly conformable to follow difficult 3-D shapes
- Low VOC (acc. GB 27630) – no critical substances detectable
- Reinforcement supports converting efficiency
- Very low total VOC values
- High initial tack and peel adhesion
- Excellent initial adhesion to a wide variety of interior substrates
- Secure mounting even to nonpolar plastics (PP) and composites (recycled materials)

Applications

immediate secure fixation of light, stiff, rigid, rough parts in vertical and horizontal position
e.g. energy absorber mounting (HIC, crash pad ...)
mounting of plastics as well LSE plastics
*with difficult wet-out
*permanent low load
Lamination or mounting of critical, soft, light and smooth surfaces / sheets
*immediate and secure bending around the edge

For latest information on this product please visit http://l.tesa.com/?ip=66022

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Product Information

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Applications

- Backing: none
- Type of adhesive: water-based acrylic
- Type of liner: glassine
- Total thickness: _NULL
- Color: transparent
- Color of liner: brown/blue logo
- Thickness of liner: 71 µm
- Thickness of tape: 220 µm

Product Assortment

- Available formats: 220 µm (tesa® 66022)

Properties/Performance Values

- Fogging: very good
- Low VOC: very good
- Suitable for die cutting: yes
- Suitable for rough surfaces: very good
- Tack: very good
- Temperature resistance max.: 200 °C
- Temperature resistance min.: -40 °C

Adhesion to Values

- ABS (initial): 17 N/cm
- ABS (after 3 days): 18 N/cm
- PC (initial): 19.1 N/cm
- PC (after 3 days): 19.4 N/cm
- PE (initial): 9.2 N/cm
- PE (after 3 days): 9 N/cm
- PET (initial): 16.2 N/cm
- PET (after 3 days): 18.1 N/cm
- PET fleece Headliner A (after 3 days): 8 N/cm
- PET fleece Headliner A (initial): 6 N/cm
- PP (initial): 14 N/cm
- PP (after 3 days): 16 N/cm
- PS (initial): 17.7 N/cm
- PS (after 3 days): 18.2 N/cm
- PVC (initial): 12 N/cm
- PVC (after 3 days): 19.3 N/cm
- Steel (initial): 12.3 N/cm
- Steel (after 3 days): 17.3 N/cm

Storage Conditions

Storage Conditions
23°C, 50% RH, stored in original box

Additional Information

Is designed to fulfill the low VOC (Volatile Organic Compounds) automotive requirements set forth by the Japanese Ministry of Health, Labor and Welfare (MHLW) and the Japanese Automobile Manufacturers Association (JAMA) limit

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of concentrations of 13 toxic chemistries. Acc. Toyota TSK0508G our assortment is conform Japanese automotive requirements

Adhesion vaules to:
PVC
PP
ABS
PC
PET
PS
PE
Are not part of the product specification

PV20 brown glassine liner / blue tesa logo
other liner version possible - on request

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.

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