



PRIMAL™ EP-6550 Adhesive

Pressure Sensitive Adhesive for Packaging Tapes and Specialty Tapes

Regional Product Availability

- Asia Pacific
- Europe, Middle East and Africa

Description

PRIMAL™ EP-6550 Adhesive has a distinct balance of peel adhesion, tack and shear resistance. It is supplied with “ready to coat” viscosity and rheology characteristics for direct coating on the most recent production lines.

PRIMAL EP-6550 Adhesive can be used as base polymer for specialty tapes such as double sided as is or formulated with tackifier resins.

Typical Applications

- General Industrial packaging tapes
- Specialty tapes
- Specialty labels

Key Features

- High solids
- Excellent direct coating via roll and Meyer bar for packaging tapes
- Need to be formulated with appropriate coating package for transfer coating
- Aggressive peel for low coating weight application, excellent cardboard wetting
- Clean slitting
- Excellent UV stability
- Bulk, 1000 kg container
- APEO-free*

*APEO (Alkyl Phenol Ethoxylates) is not intentionally added to our products. Therefore, to the best of our present knowledge, we consider they are not present, unless at trace levels (ppm) as unknown impurities from the raw materials.

Typical Physical Properties

(These properties are typical but do not constitute specifications.)

| Property | Value |
|---------------------|-----------------------|
| Appearance | Milky white, liquid |
| Solid Content % | 57 |
| pH | 9 |
| Viscosity LTV mPa.s | 200 |
| Density | 1.03 |
| Freeze/Thaw | Protect from freezing |
| Particle charge | Anionic |
| Shelf life | 12 months |

Recommended Operating Guidelines

- Stir prior to use
- Use a low shear pump
- Filter (>50 μ)
- When filling the storage tank, do not allow the emulsion to free-fall in order to help avoid foam generation
- Keep product from drying
- Backside corona treatment should not be applied to help avoid adhesive transfer

We recommend that you make your own determination on the suitability of PRIMAL™ EP-6550 Adhesive for your particular application.

Regulations may vary by city, state, country, or geographic region. Please contact the Dow Customer Service Group in your region for any additional, relevant regulatory information.

Typical Test Results

(These properties are typical but do not constitute specifications.)

| | | |
|--|--------------------|------------------------|
| Peel from stainless steel plates | 1 min. -FTM1 | > 8.5 N/inch |
| Loop tack from stainless steel plates | FTM9 | 10 N/inch ² |
| Shear resistance from stainless steel plates | FTM8 -1"x1/2" /1kg | > 2 hrs. |

Notes:

Coating weight 19 g/m², applied direct coated onto 28 μ BOPP.

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- c. use as a critical component in medical devices that support or sustain human life; or
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