

**PRIMAL™ E-3581T Adhesive**

Pressure Sensitive Adhesive for Packaging Tapes

Regional Product Availability

- Europe, Middle East and Africa

Description

PRIMAL™ E-3581T Adhesive has a distinct balance of peel adhesion, tack and shear resistance. It is supplied with “ready to coat” viscosity and rheology characteristics for the most recent production lines.

Typical Applications

- General industrial packaging tapes
- Specialty tapes

Key Features

- High solids
- Excellent direct coating via roll and Meyer bar
- Aggressive peel for low coating weight application, excellent cardboard wetting
- Clean slitting
- Excellent UV stability
- APEO-free*

*APEOs (Alkyl Phenol Ethoxylates) are not intentionally added to Dow adhesive products. Therefore, to the best of Dow's present knowledge, APEOs are not present in the final product composition, unless at trace levels, as an unknown impurity from the raw materials.

Typical Physical Properties

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

Property	Value
Appearance	Milky white, liquid
Solid Content %	58
pH	9
Brookfield Viscosity LV (#2 spindle, 30 RPM @ 25°C) mPa.s	200
Density	1.03
Freeze/Thaw	Protect from freezing
Particle charge	Anionic

Recommended Operating Guidelines

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

Typical Test Results

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

Performance results of PRIMAL™ E-3581T Adhesive		
Test conditions: Coating weight 19 g/m² - applied direct coated onto 28µ BOPP		
Peel from stainless steel plates	1 min. -FTM1	> 8.5 N/inch
Loop tack from stainless steel plates	FTM9	10 N/inch²
Shear resistance from stainless steel plates	FTM8 -1"x1/2" / 1kg	> 2 hrs.

Handling Precautions

Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.

Storage

Store products in tightly closed original containers at temperatures recommended on the product label.

Disposal Considerations

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

Food Legislation

We recommend that you make your own determination on the suitability of PRIMAL™ E-3581T Adhesive for your particular application. We also recommend that you periodically verify the regulatory status of PRIMAL E-3581T Adhesive.

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.

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