

TECHNICAL DATA SHEET*



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42097

2.0 Mil Transparent Polystyrene

Description

Product

Face: 2.0 Mil Transparent Polystyrene

Adhesive: BP-164

Liner: 40#

Total Construction

Caliper (Approx): 5.1 mils +/- 10%

Face

A clear, rigid film used for prime label applications. It is coronatreated for better printing and is appropriate for coupon technology.

Physical Properties

Caliper
Elongation at Break, % (YIELD)
Tensile, lbs/in (YIELD)
Opacity

Typical Value

" +/- 10%

Test Method

ASTM D2103
ASTM D1922
ASTM D589
ASTM D882

Adhesive

A general purpose hot melt adhesive with excellent quick-stick properties. This adhesive exhibits excellent adhesion to a broad range of packaging surfaces and has improved die cutting and stripping attributes compared to other hot melt rubber based adhesives.

Physical Properties

180° Peel Adhesion
Stainless Steel

Typical Value

3.9 lbs / in

Test Method

PSTC-101A (30 min. applied)

Loop Tack
Stainless Steel

6.1 lbs / in

PSTC-16A

Temperature Ranges

Minimum Application Temperature
Service Temperature

40°F (17°C)

-50°F to 150°F (-45°C - 65°C)

Disclaimer: Tested with 2.6 mil white BOPP film facestock at room temperature on standard lab panels. The service temperature listed is subject to limitations of the facestock and substrate used.

Liner

A bleached, calendered liner featuring excellent die cutting and stripping characteristics. Recommended for use in roll-to-roll applications.

Physical Properties

Caliper
Basis Weight

Typical Value

.0025 " +/- 10%

41 lbs. +/- 10%

Test Method

TAPPI T-411

TAPPI T-410

Shelf Life

One year from the date of shipment, when stored at 72°F and 50% relative humidity.

*This document represents typical values and is not considered a specification.

The user is responsible for determining the product's suitability for all aspects of the application. If there are any questions about applications, or regulatory compliances please contact your Mactac sales representative to discuss your requirements for recommendations. If this is a printed Technical Data Sheet, it is an uncontrolled document. Please check the Mactac website for the latest, most-up-to-date version. The products discussed herein are sold without any warranty as to merchantability or any other warranty, expressed or implied.

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