

TECHNICAL DATA SHEET*

mactac.com

PTW1691-2

2.3 Mil White Polypropylene

Description

Product

Face: 2.3 Mil White Polypropylene

Adhesive: PUREtac CL216

Liner: 1.2 Mil PET

Total Construction

Caliper (Approx): 3.5 mils +/- 10%

Face

A white opaque, solid core, top-coated polypropylene semi-conformable film designed for excellent printing, converting and label dispensing. Proprietary top coating delivers excellent adhesion for superior graphics and print receptivity for various methods including UV Flexo, Water Flexo, Gravure, UV Inkjet and Hot Stamp. Proprietary adhesive receptive coating for enhanced adhesive anchorage.

Physical Properties

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

Typical Value

0.0023 " +/- 10%
138 MD 88 CD
20 MD 21 CD
80

Test Method

ASTM D2103
ASTM D1922
ASTM D589
ASTM D882

Adhesive

MACtac PUREtac CL216 is a permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene and polyethylene. MACtac PUREtac CL216 is designed for film labeling applications. It exhibits exceptional clarity and resistance to water whitening. Suitable for cold, damp labeling applications. Good high speed and converting.

Physical Properties

180° Peel Adhesion
Stainless Steel
HDPE

Loop Tack
Stainless Steel
HDPE

Typical Value

3.9 lbs / in
2.5 lbs / in

5.3 lbs / in
3.5 lbs / in

Test Method

PSTC-101A (30 min. applied)
PSTC-101A (30 min. applied)

PSTC-16A
PSTC-16A

Temperature Ranges

Minimum Application Temperature
Service Temperature

+32°F (0°C)
-50°F to +160°F (-46°C to +71°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 1.2 mil clear polyester liner with excellent die cutting, stripping and label dispensing. Primarily for roll-to-roll applications.

Physical Properties

Caliper
Basis Weight

Typical Value

0.0012 " +/- 10%
26.2 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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