

TECHNICAL DATA SHEET*

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PJL7092-2

Vivid™ 2.4 Mil White Polypropylene

Description

Product

Face: 2.4 Mil White Polypropylene

Adhesive: 711VHP

Liner: 1.2 Mil PET

Total Construction

Caliper (Approx): 3.6 mils +/- 10%

Face This white top-coated, pearlescent biaxially oriented polypropylene is a 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.

Physical Properties

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

Typical Value

0.0024 " +/- 10%
170 MD 35 CD
14 MD 29 CD
90

Test Method

ASTM D2103
ASTM D1922
ASTM D589
ASTM D882

Adhesive 711VHP is a cold temperature, permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a wide variety of surfaces, including most packaging films. 711VHP may be used as the food contact surface of labels and/or tapes applied to poultry, dry food, and processed, frozen, dried, partial dehydrated and raw fruits and vegetables. FDA approved for direct food contact under 21 CFR Section 175.125(a) and (b).

Physical Properties

180° Peel Adhesion
Stainless Steel
HDPE

Loop Tack
Stainless Steel
HDPE

Typical Value

2.7 lbs / in
2.2 lbs / in

4.7 lbs / in
3.1 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

+20°F (-7°C)
-65°F to +160°F (-54°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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