

TECHNICAL DATA SHEET*

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PTS3892-2

Vivid™ 2.0 Mil Chrome Polypropylene

Description

Product

Face: Vivid™ 2 Mil Chrome Polypropylene

Adhesive: MP238

Liner: 1.2 Mil PET

Total Construction

Caliper (Approx): 3.7 mils +/- 10%

Face A 2.0 mil chrome, top coated, biaxially oriented polypropylene (BOPP) 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-based Flexo, Gravure, Screen and Offset.

Physical Properties

Caliper

Typical Value

0.002 " +/- 10%

Test Method

ASTM D2103

Elongation at Break, % (YIELD)

105 MD

ASTM D1922

Tensile, lbs/in (YIELD)

58 MD 52 CD

ASTM D589

Opacity

90

ASTM D882

Adhesive MP238 is a permanent, emulsion acrylic adhesive with excellent tack and ultimate adhesion to a variety of surfaces. MP238 is designed for film labeling applications. It exhibits exceptional clarity and resistance to water whitening. Has received Association of Plastic Recyclers Design® for Recyclability Recognition on PET containers.

Physical Properties

180° Peel Adhesion

Typical Value

Test Method

Stainless Steel

1.5 lbs / in

PSTC-101A (30 min. applied)

HDPE

1.4 lbs / in

PSTC-101A (30 min. applied)

Loop Tack

Stainless Steel

2.2 lbs / in

PSTC-16A

HDPE

1.4 lbs / in

PSTC-16A

Temperature Ranges

Minimum Application Temperature

+25°F (-4°C)

Service Temperature

-40°F to +257° F (-40 to +125°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

Typical Value

Test Method

0.0012 " +/- 10%

TAPPI T-411

Basis Weight

26.2 lbs. +/- 10%

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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