

# TECHNICAL DATA SHEET\*

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**PF3892-2**

**Vivid™ 2 Mil Polypropylene**

## Description

### Product

Face: 2 Mil Clear Polypropylene

Adhesive: MP238

Liner: 1.2 Mil PET

### Total Construction

Caliper (Approx): **3.05** mils +/- 10%

**Face** Vivid™ is a 2 mil clear polypropylene film top-coated film for superior graphics. Economic alternative where ultra-clarity is needed. Not recommended for outdoor use.

#### Physical Properties

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

#### Typical Value

.00185 " +/- 10%  
168 MD 75 CD  
17 MD 26 CD

#### Test Method

ASTM D2103  
ASTM D1922  
ASTM D589  
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.

#### Physical Properties

180° Peel Adhesion  
Stainless Steel  
HDPE  
  
Loop Tack  
Stainless Steel  
HDPE

#### Typical Value

1.5 lbs / in  
1.4 lbs / in  
  
2.2 lbs / in  
1.4 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

**+25°F (-4°C)**  
**-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 super calendared kraft liner excellent for 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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