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43455

2.3 Mil TC White Polypropylene

Description

Product

Face: 2.3 Mil TC White Polypropylene

Adhesive: Frostbite™

Liner: 2.5 Mil

Total Construction

Caliper (Approx): **5.35** mils +/- 10%

Face

A glossy white, biaxially-oriented polypropylene designed with a unique top coating to be compatible with water-based and solvent-based inks.

Physical Properties

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

Typical Value

.0023 " +/- 10%

80%

Test Method

ASTM D2103
ASTM D1922
ASTM D589
ASTM D882

Adhesive

A highly aggressive rubber based adhesive featuring excellent initial tack and ultimate adhesion when applied at freezer conditions. Also an excellent choice when applied to packaging materials at room temperature and then subjected to -40°F blast freezing conditions. When used in warm environments (above room temperature), you will experience ooze and have converting issues.

Physical Properties

180° Peel Adhesion
Stainless Steel

Loop Tack
Stainless Steel

Typical Value

1.8 lbs / in

3.3 lbs / in

Test Method

PSTC-101A (30 min. applied)

PSTC-16A

Temperature Ranges

Minimum Application Temperature
Service Temperature

-15°F (-26°C)
-65°F to 160°F (-65°C - 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

An unbleached, supercalendered kraft 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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