

Material Specification Sheet

Product:
M-533

Description:

A white, mineral-filled, biaxially-oriented polypropylene (BOPP) with a special print-receptive coating on one side and a satin gloss finish on the other. It features a general purpose, emulsion acrylic permanent adhesive and 40#, 2.4 mil super calendered bleached kraft liner.

Recommended Applications:

Excellent for barcode and labeling applications where durability, strength and printability are key, especially for polyethylene, polypropylene and glass (including small cylindrical) substrates. It is also suitable for applications requiring compliance with FDA 21 CFR 175.105 for indirect food contact.

Facestock:

White, mineral-filled, biaxially-oriented polypropylene (BOPP)

| | <u>Value</u> | <u>Units</u> | <u>Test Method</u> |
|-------------|--------------|--------------------|--------------------|
| Caliper: | 3.0 | mil | ASTM D-374 |
| Tensile: MD | 18,490 | lb/in ² | ASTM D-882 |
| CD | 27,023 | lb/in ² | ASTM D-882 |

Adhesive:

General purpose, emulsion acrylic permanent

| | <u>Value</u> | <u>Units</u> | <u>Test Method</u> |
|----------------------------|---------------|--------------|--------------------|
| Application temp: | +40° | Fahrenheit | |
| Service temp: | -40° to +200° | Fahrenheit | |
| Loop Tack: | 54 | ounces | |
| Shear (1000g) | 258 | minutes | |
| 90° Peel: Stainless Steel: | 26 | ounces | |

Liner:

40#, 2.4 mil white kraft

| | <u>Value</u> | <u>Units</u> | <u>Test Method</u> |
|-------------|--------------|--------------|--------------------|
| Caliper: | 2.4 | mil | ASTM D-374 |
| Tensile: MD | 40 | lb/in | ASTM D-882 |
| CD | 15 | lb/in | ASTM D-882 |
| Tear: MD | 35 | grams | ASTM D-1922 |
| CD | 42 | grams | ASTM D-1922 |
| Opacity: | 63 | percent | ASTM D-6216 |

Shelf Life:

One year, under standard storage and humidity conditions

PRODUCT DISCLAIMER

All labels and label material constructions are sold with the understanding that the purchaser has independently determined the suitability of each product for the application for which it is purchased. The seller disclaims any implied warranty of fitness of a product for a particular purpose. All materials should be tested thoroughly by the purchaser under end-user conditions to ensure they meet the requirements of a specific application.

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