



023WP0075112NB

Item #: S8823860

2.3 ML WHITE TC BOPP/751 PERMANENT ADHESIVE/1.2 ML PET NO BACK COAT
Approximate weight per MMSI: 169 lbs. Standard core size is 3 inches. Total caliper: 4.22 mils +/- 10%

FACESTOCK

A 2.3 mil white top coated BOPP with excellent compatibility using UV curing inks or water based flexo ink systems. High stiffness for conversion and automatic dispensing. Great choice for prime labeling.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|--------------------------|------------------|---------------|------------------|--------------|-------------|
| Caliper Average (Films) | mils | 2.32 | um (micrometers) | 58.9 | ASTM D374 |
| Gloss | % @ 45 degrees | 48 | % | 48.0 | ASTM D2457 |
| Opacity - Films | % | 80 | % | 80.0 | ASTM D589 |
| Tensile Film - MD | lb/sq inch | 22500 | kg/sq cm | 1581.8 | ASTM D882 |
| Tensile Film - TD | lb/sq inch | 21000 | kg/sq cm | 1476.3 | ASTM D882 |
| Elongation at Break - MD | % | 90 | % | 90.0 | ASTM D882 |
| Elongation at Break - TD | % | 100 | % | 100.0 | ASTM D882 |
| Dim. Stability - MD | % 60 sec @ 266 F | 3.0 | % 60 sec @ 130 C | 3.0 | ASTM D1204 |
| Dim. Stability - TD | % 60 sec @ 266 F | -1.0 | % 60 sec @ 130 C | -1.0 | ASTM D1204 |
| Area Yield | sq in/lb | 12150 | sq m/kg | 17.4 | ASTM E252 |

ADHESIVE

A tackified acrylic with good adhesion to many substrates. Excellent die-cutting and stripping on wide web VIP applications. Good mandrel hold.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|------------------------|------------|---------------|----------------|--------------|-------------|
| Caliper - Calculated | mils | 0.7 | um(micrometer) | 17.3 | |
| Shear (1 x 1/2 x 1 kg) | hours | 18.0 | hours | 18.0 | CPD-55 |
| Peel - 180 D SS 20 min | lb/inch | 2.1 | grams/25 mm | 937.5 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 52 | kg/645 sq mm | 1.5 | CPD-16 |
| Loop Tack Glass | oz/sq inch | 60 | kg/645 sq mm | 1.7 | CPD-16 |
| Min. App. Temp. | F | 45 | C | 7 | |
| Service Temp. | F | -65 TO 200 | C | -54 TO 93 | |
| FDA Compliance | 21 CFR | 175.105 | | | |

LINER

Clear polyester with an excellent surface for die-cutting. Great strength for high speed converting and application.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|--------------------------|------------------|---------------|------------------|--------------|-------------|
| Caliper Average (Films) | mils | 1.2 | um (micrometers) | 30.5 | ASTM D374 |
| Tensile Film - MD | lb/sq inch | 32,000 | kg/sq cm | 2249.6 | ASTM D882 |
| Tensile Film - TD | lb/sq inch | 32,000 | kg/sq cm | 2249.6 | ASTM D882 |
| Elongation at Break - MD | % | 130 | % | 130.0 | ASTM D882 |
| Elongation at Break - TD | % | 100 | % | 100.0 | ASTM D882 |
| Shrinkage-MD | % 30 min @ 302 F | 1.5 | % 30 min @ 150 C | 1.5 | ISO 2469 |
| Shrinkage-TD | % 30 min @ 302 F | .4 | % 30 min @ 150 C | .4 | ISO 2469 |
| Elastic Modulus - MD | lb/sq inch | 550,000 | kg/sq cm | 38665.0 | ASTM D882 |
| Elastic Modulus - TD | lb/sq inch | 550,000 | kg/sq cm | 38665.0 | ASTM D882 |
| Area Yield | sq in/lb | 16,805 | sq m/kg | 24.0 | ASTM E252 |

Issued: 06/22/17

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