



24WCT0010212NB

Item #: S9113660

2.4 MIL TC WHITE BOPP/102 PERMANENT ADHESIVE/1.2 MIL PET NO BACK COAT
Approximate weight per MMSI: 150 lbs. Standard core size is 6 inches. Total caliper: 4.3 mils +/- 10%

FACESTOCK

2.4 mil white top-coated BOPP. It is compatible with water-based and UV flexo, and UV inkjet presses. Thinner for resource and shipping savings. Glossy look. Perfect for health and beauty aid, household care, and beverage labeling.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|--------------------------|----------------|---------------|------------------|--------------|-------------|
| Basis Weight | lbs/25X38-500 | 28.4 | grams/sq meter | 42.0 | TAPPI T410 |
| Caliper Average (Films) | mils | 2.4 | um (micrometers) | 61.0 | ASTM D374 |
| Gloss - Films | % @ 45 degress | 70 | % @ 45 degrees | 70.0 | ASTM D2457 |
| Opacity - Films | % | 88 | % | 88.0 | ASTM D589 |
| Tensile Film - MD | lb/sq inch | 14500 | kg/sq cm | 1019.4 | ASTM D882 |
| Tensile Film - TD | lb/sq inch | 29000 | kg/sq cm | 2038.7 | ASTM D882 |
| Stiffness-MD | Gurley (mg) | 14 | mN | .1 | TAPPI T543 |
| Stiffness-CD | Gurley (mg) | 36 | mN | .4 | TAPPI T543 |
| Elongation at Break - MD | % | 170 | % | 170.0 | ASTM D882 |
| Elongation at Break - TD | % | 35 | % | 35.0 | ASTM D882 |
| Area Yield | sq in/lb | 16750 | sq m/kg | 24.0 | ASTM E252 |

ADHESIVE

A clear, water-resistant acrylic emulsion film adhesive, with high tack and peel. It adheres to a wide variety of surfaces, and offers a good balance between wet-out and repositionability.

| 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 | 5.9 | hours | 5.9 | CPD-55 |
| Peel - 180 D SS 20 min | lb/inch | 1.8 | grams/25 mm | 803.6 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 38 | kg/645 sq mm | 1.1 | CPD-16 |
| Min. App. Temp. | F | 40 | C | 4 | |
| Service Temp. | F | -40 TO 160 | C | -40 TO 71 | |
| 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 |
| Haze | % | 6.0 | % | 6.0 | ASTM D1003 |
| 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 |

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3250 South Ridge Road • P. O. Box 19017 • Green Bay, WI 54307-9017 • USA
Phone: 001-(920)-337-1800, 800-445-4269, WI: 800-472-4442 • FAX: 001-(920)-337-1797, 800-705-0111