



PRODUCT INFORMATION

24WCT0095012NB

Item #: S9221460

2.4 MIL TC WHI BOPP/GP FILM ADHESIVE/1.2 MIL PET NO BACK COAT

Approximate weight per MMSI: 143 lbs. Standard core size is 6 inches. Total caliper: 4.2 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 |
|-------------------------|-------|---------------|------------------|--------------|-------------|
| Caliper Average (Films) | mils | 2.400 | um (micrometers) | 61.0 | ASTM D374 |

ADHESIVE

General purpose filmic adhesive designed for prime label applications. High shear properties leading to excellent press convertibility. Provides good open time for label repositioning. Performs at application temperatures as low as 25°F.

Meets APR Preferred Design for Recycling on HDPE (colored) and PP substrates.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|---------------------------|------------|---------------|----------------|--------------|-------------|
| Caliper - Calculated | mils | 0.6 | um(micrometer) | 14.4 | |
| Shear (1 x 1/2 x 1 kg) | hours | 100+ | hours | 100.0 | CPD-55 |
| Peel - 180 D SS 20 min | lb/inch | 1.8 | grams/25 mm | 803.6 | CPD-52 |
| Peel - 180 D HDPE 20 min | lb/inch | 1.2 | grams/25 mm | 535.7 | CPD-52 |
| Peel - 180 D LDPE 20 min | lb/inch | 1.1 | grams/25 mm | 491.1 | CPD-52 |
| Peel - 180 D Glass 20 min | lb/inch | 2.1 | grams/25 mm | 937.5 | CPD-52 |
| Peel - 180 D PET 20 min | lb/inch | 2.57 | grams/25 mm | 1147.4 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 45 | kg/645 sq mm | 1.3 | CPD-16 |
| Loop Tack HDPE | oz/sq inch | 27 | kg/645 sq mm | .8 | CPD-16 |
| Loop Tack LDPE | oz/sq inch | 24 | kg/645 sq mm | .7 | CPD-16 |
| Loop Tack Glass | oz/sq inch | 46 | kg/645 sq mm | 1.3 | CPD-16 |
| Min. App. Temp. | F | 25 | 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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