



021MU0072012NB

Item #: S8225060

2 ML METALIZED TC BOPP/720 ALL-TEMP ADHESIVE/1.2 MIL PET NO BACK COAT
Approximate weight per MMSI: 152 lbs. Standard core size is 3 inches. Total caliper: 3.8 mils +/- 10%

FACESTOCK

A 2.0 mil BOPP metalized on the back side for a shiny silver appearance. Top coated for printability with a wide range of ink systems.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|--------------------------|------------------|---------------|------------------|--------------|-------------|
| Caliper Average (Films) | mils | 2.0 | um (micrometers) | 50.8 | ASTM D374 |
| Tensile Film - MD | lb/sq inch | 29000 | kg/sq cm | 2038.7 | ASTM D882 |
| Tensile Film - TD | lb/sq inch | 23900 | kg/sq cm | 1680.2 | ASTM D882 |
| Elongation at Break - MD | % | 105 | % | 105.0 | ASTM D882 |
| Elongation at Break - TD | % | 120 | % | 120.0 | ASTM D882 |
| Dim. Stability - MD | % 60 sec @ 266 F | 4.0 | % 60 sec @ 130 C | 4.0 | ASTM D1204 |
| Dim. Stability - TD | % 60 sec @ 266 F | -.5 | % 60 sec @ 130 C | -.5 | ASTM D1204 |
| Elastic Modulus - MD | lb/sq inch | 391000 | kg/sq cm | 27487.3 | ASTM D882 |
| Elastic Modulus - TD | lb/sq inch | 333000 | kg/sq cm | 23409.9 | ASTM D882 |
| Area Yield | sq in/lb | 15100 | sq m/kg | 21.6 | ASTM E252 |

ADHESIVE

A non-tackified cold-temperature acrylic adhesive. Adheres to a wide variety of packaging materials. Can be used in a wide range of temperatures. Consider for general purpose labeling.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|--------------------------------|------------|---------------|----------------|--------------|-------------|
| Caliper - Calculated | mils | 0.6 | um(micrometer) | 16.3 | |
| Shear (1 x 1/2 x 1 kg) | hours | .2 | hours | .2 | CPD-55 |
| Peel - 180 D SS 20 min | lb/inch | 1.5 | grams/25 mm | 669.7 | CPD-52 |
| Peel - 180 D HDPE 20 min | lb/inch | 1.0 | grams/25 mm | 446.5 | 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 | 1.7 | grams/25 mm | 759.0 | CPD-52 |
| Peel - 180 D Corrugated 20 min | lb/inch | .6 | grams/25 mm | 267.9 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 44 | kg/645 sq mm | 1.2 | CPD-16 |
| Loop Tack HDPE | oz/sq inch | 35 | kg/645 sq mm | 1.0 | CPD-16 |
| Loop Tack LDPE | oz/sq inch | 29 | kg/645 sq mm | .8 | CPD-16 |
| Loop Tack Corrugated | oz/sq inch | 14 | kg/645 sq mm | .4 | CPD-16 |
| Min. App. Temp. | F | -20 | C | -29 | |
| Service Temp. | F | -65 TO 180 | C | -54 TO 82 | |
| FDA Compliance | 21 CFR | 175.105 | | | |

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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: 04/26/18

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