



PRODUCT INFORMATION

025PN0051550SC

Item #: S8131852

2.5 ML CLEAR POLYSTYRENE/PERMANENT ADHESIVE/3.2 SCK

Approximate weight per MMSI: 235 lbs. Standard core size is 3 inches. Total caliper: 6.3 mils +/- 10%

FACESTOCK

A 2.5 mil corona treated clear polystyrene. Stiffness allows easy converting and dispensing. Great for use as a mailing tab.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|--------------------------|----------------|---------------|------------------|--------------|-------------|
| Caliper Average (Films) | mils | 2.5 | um (micrometers) | 63.5 | ASTM D374 |
| Gloss - Films | % @ 45 degrees | 165 | % @ 45 degrees | 165.0 | ASTM D2457 |
| Tensile Film - MD | lb/sq inch | 10500 | kg/sq cm | 738.2 | ASTM D882 |
| Tensile Film - TD | lb/sq inch | 10500 | kg/sq cm | 738.2 | ASTM D882 |
| Elongation at Break - MD | % | 45 | % | 45.0 | ASTM D882 |
| Elongation at Break - TD | % | 35 | % | 35.0 | ASTM D882 |
| Haze | % | .7 | % | .7 | ASTM D1003 |
| Area Yield | sq in/lb | 10550 | sq m/kg | 15.1 | ASTM D4321 |
| 1% Secant Modulus - MD | lb/sq inch | 412500 | | | ASTM D882 |
| 1% Secant Modulus - CD | lb/sq inch | 400000 | | | ASTM D882 |

ADHESIVE

A permanent, acrylic adhesive that has good water whitening resistance and adheres well to low surface energy plastics. Good combination of quick tack and high shear makes it ideal for mailing tabs.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|--------------------------------|------------|---------------|----------------|--------------|-------------|
| Caliper - Calculated | mils | 0.6 | um(micrometer) | 15.8 | |
| Shear (1 x 1/2 x 1 kg) | hours | 13.8 | hours | 13.8 | CPD-55 |
| Peel - 180 D SS 20 min | lb/inch | 1.1 | grams/25 mm | 491.1 | CPD-52 |
| Peel - 180 D HDPE 20 min | lb/inch | .6 | grams/25 mm | 267.9 | CPD-52 |
| Peel - 180 D LDPE 20 min | lb/inch | .5 | grams/25 mm | 223.2 | CPD-52 |
| Peel - 180 D Glass 20 min | lb/inch | 1.5 | grams/25 mm | 669.7 | CPD-52 |
| Peel - 180 D Corrugated 20 min | lb/inch | 1.0 | grams/25 mm | 446.5 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 33 | kg/645 sq mm | .9 | CPD-16 |
| Loop Tack HDPE | oz/sq inch | 18 | kg/645 sq mm | .5 | CPD-16 |
| Loop Tack LDPE | oz/sq inch | 13 | kg/645 sq mm | .4 | CPD-16 |
| Loop Tack Corrugated | oz/sq inch | 9 | kg/645 sq mm | .3 | CPD-16 |
| Loop Tack Glass | oz/sq inch | 38 | kg/645 sq mm | 1.1 | CPD-16 |
| Min. App. Temp. | F | 40 | C | 4 | |
| Service Temp. | F | -40 TO 250 | C | -40 TO 121 | |
| FDA Compliance | 21 CFR | 175.105 | | | |

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PRODUCT INFORMATION

LINER

A white densified kraft sheet 53# (86 g/m²) with excellent point-to-point caliper control.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|-------------------|-------------------------------|---------------|-----------------|--------------|-------------|
| Basis Weight | lbs/24X36-500 (3000 Sq Ft) | 53.5 | grams/sq meter | 87.2 | TAPPI T410 |
| Caliper - Average | mil | 3.2 | um (micrometer) | 81.3 | TAPPI T411 |
| Opacity | % | 70.0 | % | 70.0 | TAPPI T425 |
| Tear-MD | grams | 46.0 | mN | 451.1 | TAPPI T414 |
| Tear-CD | grams | 55.0 | mN | 539.4 | TAPPI T414 |
| Tensile-MD | lb/inch | 52.0 | kN/m | 9.1 | TAPPI T494 |
| Tensile-CD | lb/inch | 24.0 | kN/m | 4.2 | TAPPI T494 |
| Brightness | % | 78.0 | % | 78.0 | TAPPI T452 |

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