



PRODUCT INFORMATION

021MU0096040SC

Item #: S9221860

2 MIL METALIZED TC BOPP/GP FILM ADHESIVE/40 SC LINER

Approximate weight per MMSI: 187 lbs. Standard core size is 3 inches. Total caliper: 5.1 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

General purpose filmic adhesive designed for prime label applications. Excellent clarity and improved blush resistance. Higher shear film adhesive for improved press convertibility. Performs at application temperatures as low as 14°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 | 0.7 | um(micrometer) | 16.6 | |
| Shear (1 x 1/2 x 1 kg) | hours | 16.8 | hours | 16.8 | CPD-55 |
| Peel - 180 D SS 20 min | lb/inch | 1.7 | grams/25 mm | 759.0 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 43 | kg/645 sq mm | 1.2 | CPD-16 |
| Min. App. Temp. | F | 14 | C | -10 | |
| Service Temp. | F | -40 TO 160 | C | -40 TO 71 | |

LINER

A white densified kraft sheet 41# (67 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) | 41 | grams/sq meter | 66.8 | TAPPI T410 |
| Caliper - Average | mil | 2.400 | um (micrometer) | 61.0 | TAPPI T411 |
| Opacity | % | 60 | % | 60.0 | TAPPI T425 |
| Tear-MD | grams | 34 | mN | 333.4 | TAPPI T414 |
| Tear-CD | grams | 39 | mN | 382.5 | TAPPI T414 |
| Tensile-MD | lb/inch | 40 | kN/m | 7.0 | TAPPI T494 |
| Tensile-CD | lb/inch | 17 | kN/m | 3.0 | TAPPI T494 |

Issued: 10/10/24

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