



VALUT0075140SC

Item #: S7841560

VALUE THERMAL TRANSFER/751 PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 211 lbs. Standard core size is 3 inches. Total caliper: 5.9 mils +/- 10%

FACESTOCK

A 42# (62 g/m²) top-coated, thermal transfer sheet that offers high performance at a lower cost. Strength and opacity are comparable to conventional thermal transfer facers. Exceptional print quality, especially for flood coating.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|-----------------------------|---------------|---------------|-----------------|--------------|-------------|
| Basis Weight | lbs/25X38-500 | 41.8 | grams/sq meter | 61.9 | TAPPI T410 |
| Caliper - Average | mil | 2.8 | um (micrometer) | 71.1 | TAPPI T411 |
| Opacity | % | 87.0 | % | 87.0 | TAPPI T425 |
| Smoothness (PPS) Print Side | um | 2.2 | um | 2.2 | TAPPI T555 |
| Tear-MD | grams | 42.0 | mN | 411.9 | TAPPI T414 |
| Tear-CD | grams | 42.0 | mN | 411.9 | TAPPI T414 |
| Tensile-MD | lb/inch | 26.3 | kN/m | 4.6 | TAPPI T494 |
| Tensile-CD | lb/inch | 17.1 | kN/m | 3.0 | TAPPI T494 |
| Stiffness Taber-MD | gram cm/mN | 140.0 | gram cm/mN | 140 | TAPPI T543 |
| Brightness | % | 86.0 | % | 86.0 | TAPPI T452 |

ADHESIVE

A tackified acrylic with good adhesion to many substrates. Excellent die-cutting and stripping on wide web VIP applications. Good mandrel hold.

| 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 | 18.0 | hours | 18.0 | CPD-55 |
| Peel - 180 D SS 20 min | lb/inch | 2.1 | grams/25 mm | 937.5 | CPD-52 |
| Loop Tack Stain Steel | oz/sq inch | 52 | kg/645 sq mm | 1.5 | CPD-16 |
| Loop Tack Glass | oz/sq inch | 60 | kg/645 sq mm | 1.7 | CPD-16 |
| Min. App. Temp. | F | 45 | C | 7 | |
| Service Temp. | F | -65 TO 200 | C | -54 TO 93 | |
| FDA Compliance | 21 CFR | 175.105 | | | |

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 | 40.6 | grams/sq meter | 66.2 | TAPPI T410 |
| Caliper - Average | mil | 2.4 | um (micrometer) | 61.0 | TAPPI T411 |
| Gloss | % @ 75 degrees | 57 | % @ 75 degrees | 57.0 | TAPPI T480 |
| Opacity | % | 60 | % | 60.0 | TAPPI T425 |
| Tear-MD | grams | 35 | mN | 343.2 | 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 |
| Brightness | % | 76 | % | | TAPPI T452 |

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