



084MB0072040SC

Item #: S8888460

84 MICRON SYN DIRET THER/720 ALL-TEMP ADHESIVE/40 SC LINER
Approximate weight per MMSI: 221 lbs. Standard core size is 3 inches. Total caliper: 6.4 mils +/- 10%

FACESTOCK

A 3.3 mil BOPP direct thermal film. Top coated for durability. Medium degree of sensitivity. Use when moisture and environmental resistance are important. Good stiffness for ease of dispensing. Dark image for excellent ability to be read and scanned.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|-----------------------------|---------------|---------------|-----------------|--------------|-------------|
| Basis Weight | lbs/25X38-500 | 45.9 | grams/sq meter | 67.9 | TAPPI T410 |
| Caliper - Average | mil | 3.3 | um (micrometer) | 83.8 | TAPPI T411 |
| Smoothness (PPS) Print Side | um | 1.3 | um | 1.3 | TAPPI T555 |
| Tear-MD | grams | 26 | mN | 255.0 | TAPPI T414 |
| Tear-CD | grams | 15 | mN | 147.1 | TAPPI T414 |
| Tensile-MD | lb/inch | 22.25 | kN/m | 3.9 | TAPPI T494 |
| Tensile-CD | lb/inch | 22.25 | kN/m | 3.9 | TAPPI T494 |
| Stiffness-MD | Gurley (mg) | 46 | mN | .5 | TAPPI T543 |
| Stiffness-CD | Gurley (mg) | 67 | mN | 6832.1 | TAPPI T543 |
| Brightness | % | 90.0 | % | 90.0 | TAPPI T452 |
| Initial Activation Temp | F | 162 | C | 72 | ISO 1924 |
| Effective Activation Temp | F | 190 | C | 88 | ISO 1924 |
| Optimum Activation Temp | F | 207 | C | 97 | ISO 1924 |
| Area Yield | sq in/lb | 10349 | sq m/kg | 14.8 | 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 | 0.7 | um(micrometer) | 18.7 | |
| 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 |
| Min. App. Temp. | F | -20 | C | -29 | |
| Service Temp. | F | -65 TO 180 | C | -54 TO 82 | |
| 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 | 41 | grams/sq meter | 66.8 | TAPPI T410 |
| Caliper - Average | mil | 2.4 | 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 |

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