



030TT0010340SC

Item #: S6135052

3 ML THERM TRANS BOPP/103 PERMANENT ADHESIVE/40 SC LINER
Approximate weight per MMSI: 196 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

FACESTOCK

3.0 mil White Label-Lyte BOPP with a thermal transfer top coat. Designed for variable imaging applications where moisture resistance, or long-term performance, is important. Label-Lyte is a Trademark of Jindal Films America.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	36.3	grams/sq meter	53.7	TAPPI T410
Caliper Average (Films)	mils	3.0	um (micrometers)	76	ASTM D374
Gloss	% @ 45 degrees	8.0	%	8.0	ASTM D2457
Opacity - Films	%	90	%	90.0	ASTM D589
Tensile Film - MD	lb/sq inch	12300	kg/sq cm	864.7	ASTM D882
Tensile Film - TD	lb/sq inch	23350	kg/sq cm	1641.5	ASTM D882
Stiffness-MD	Gurley (mg)	29	mN	2957.2	TAPPI T543
Stiffness-CD	Gurley (mg)	40	mN	4078.9	TAPPI T543
Elongation at Break - MD	%	190	%	190.0	ASTM D882
Elongation at Break - TD	%	50	%	50.0	ASTM D882
Light Transmission	%	17	%		ASTM D1003
Dim. Stability - MD	% @ 275 F	-3.9	% @ 135 C	-3.9	ASTM D1204
Dim. Stability - TD	% @ 275 F	-3.3	% @ 135 C	-3.3	ASTM D1204
Area Yield	sq in/lb	13007.0	sq m/kg	18.6	ASTM E252

ADHESIVE

A high performance prime label acrylic adhesive with excellent clarity and adhesion to low energy surfaces, along with outstanding wet-out.

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	2.4	hours	2.4	CPD-55
Peel - 180 D SS 20 min	lb/inch	2.3	grams/25 mm	1026.8	CPD-52
Loop Tack Stain Steel	oz/sq inch	50	kg/645 sq mm	1.4	CPD-16
Min. App. Temp.	F	40	C	4	
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
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
Brightness	%	76	%	76.0	TAPPI T452

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