



23SWB0072012NB

Item #: S8986860

2.3 MIL TC WHITE BOPP/720 ALL-TEMP ADHESIVE/1.2 MIL PET NO BACK COAT
Approximate weight per MMSI: 166 lbs. Standard core size is 3 inches. Total caliper: 4.1 mils +/- 10%

FACESTOCK

A 2.3 mil solid white top-coated BOPP. Backside coated to aid in adhesive anchorage. Compatible with UV and water-based flexo ink systems, and hot stamping. Good stiffness for automatic application. An excellent choice for prime labeling.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	2.300	um (micrometers)	58.4	ASTM D374
Gloss - Films	% @ 45 degress	50	% @ 45 degrees	50.0	ASTM D2457
Opacity - Films	%	90	%	90.0	ASTM D589
Tensile Film - MD	lb/sq inch	15,000	kg/sq cm	1054.5	ASTM D882
Tensile Film - TD	lb/sq inch	36,000	kg/sq cm	2530.8	ASTM D882
Stiffness-MD	Gurley (mg)	16	mN	.2	TAPPI T543
Stiffness-CD	Gurley (mg)	32	mN	.3	TAPPI T543
Elongation at Break - MD	%	172	%	172.0	ASTM D882
Elongation at Break - TD	%	52	%	52.0	ASTM D882
Dim. Stability - MD	% @ 275 F	-4.0	% @ 135 C	-4.0	ASTM D1204
Dim. Stability - TD	% @ 275 F	-3.0	% @ 135 C	-3.0	ASTM D1204
Area Yield	sq in/lb	12,500	sq m/kg	17.9	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	0.6	um(micrometer)	16.3	
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
Peel - 180 D HDPE 20 min	lb/inch	1.0	grams/25 mm	446.5	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	1.1	grams/25 mm	491.1	CPD-52
Peel - 180 D Glass 20 min	lb/inch	1.7	grams/25 mm	759.0	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.6	grams/25 mm	267.9	CPD-52
Loop Tack Stain Steel	oz/sq inch	44	kg/645 sq mm	1.2	CPD-16
Loop Tack HDPE	oz/sq inch	35	kg/645 sq mm	1.0	CPD-16
Loop Tack LDPE	oz/sq inch	29	kg/645 sq mm	.8	CPD-16
Loop Tack Corrugated	oz/sq inch	14	kg/645 sq mm	.4	CPD-16
Min. App. Temp.	F	-20	C	-29	
Service Temp.	F	-65 TO 180	C	-54 TO 82	
FDA Compliance	21 CFR	175.105			

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LINER

Clear polyester with an excellent surface for die-cutting. Great strength for high speed converting and application.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	1.2	um (micrometers)	30.5	ASTM D374
Tensile Film - MD	lb/sq inch	32,000	kg/sq cm	2249.6	ASTM D882
Tensile Film - TD	lb/sq inch	32,000	kg/sq cm	2249.6	ASTM D882
Elongation at Break - MD	%	130	%	130.0	ASTM D882
Elongation at Break - TD	%	100	%	100.0	ASTM D882
Shrinkage-MD	% 30 min @ 302 F	1.5	% 30 min @ 150 C	1.5	ISO 2469
Shrinkage-TD	% 30 min @ 302 F	.4	% 30 min @ 150 C	.4	ISO 2469
Elastic Modulus - MD	lb/sq inch	550,000	kg/sq cm	38665.0	ASTM D882
Elastic Modulus - TD	lb/sq inch	550,000	kg/sq cm	38665.0	ASTM D882
Area Yield	sq in/lb	16,805	sq m/kg	24.0	ASTM E252

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