



25PSW0010350SC

Item #: S8277260

2.5 MIL WHI POLYSTYRENE/103 PERMANENT ADHESIVE/3.2 SCK

Approximate weight per MMSI: 255 lbs. Standard core size is 3 inches. Total caliper: 6.3 mils +/- 10%

FACESTOCK

A 2.5 mil corona treated white polystyrene. Stiffness allows easy converting and dispensing.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (330)	51.4	grams/sq meter	76.1	TAPPI T410
Caliper Average (Films)	mils	2.5	um (micrometers)	63.5	ASTM D374
Gloss	% @ 60 degrees	45	% @ 60 degrees	45.0	ASTM D523
Tensile Film - MD	lb/sq inch	6400	kg/sq cm	449.9	ASTM D882
Tensile Film - TD	lb/sq inch	6400	kg/sq cm	449.9	ASTM D882
Elongation at Break - MD	%	65	%	65.0	ASTM D882
Elongation at Break - TD	%	65	%	65.0	ASTM D882
Area Yield	sq in/lb	9250	sq m/kg	13.2	ASTM E252

ADHESIVE

A soft, high performance film 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 53# (86 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 (300)	52.5	grams/sq meter	85.6	TAPPI T410
Caliper - Average	mil	3.1	um (micrometer)	78.7	TAPPI T411
Gloss	% @ 75 degrees	50	% @ 75 degrees	50.0	TAPPI T480
Opacity	%	72	%	72.0	TAPPI T425
Smoothness Liner Release Side	Sheffield Units	90	Sheffield Units	90.0	TAPPI T538
Smoothness Backside	Sheffield Units	100	Sheffield Units	100.0	TAPPI T538
Tear-MD	grams	46	mN	451.1	TAPPI T414
Tear-CD	grams	55	mN	539.4	TAPPI T414
Tensile-MD	lb/inch	52	kN/m	9.1	TAPPI T494
Tensile-CD	lb/inch	24	kN/m	4.2	TAPPI T494
Stiffness-MD	Gurley (mg)	135	mN	1.3	TAPPI T543
Stiffness-CD	Gurley (mg)	70	mN	.7	TAPPI T543
Brightness	%	78	%	78.0	TAPPI T452

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