



**25PSW0050640SC**

**Item #: S8263960**

2.5 MIL WHI POLYSTYRENE/506 PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 229 lbs. Standard core size is 3 inches. Total caliper: 5.6 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	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 general purpose acrylic emulsion with good UV stability. Non-yellowing and generally used with film-type face stocks.

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	24	hours	24.0	CPD-55
Peel - 180 D SS 20 min	lb/inch	2.4	grams/25 mm	1071.5	CPD-52
Min. App. Temp.	F	45	C	7	
Service Temp.	F	-65 TO 200	C	-54 TO 93	

**LINER**

A white densified kraft sheet 41# (67 g/m<sup>2</sup>) 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
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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