



# PRODUCT INFORMATION

**020PN0010350SC**

**Item #: S6679060**

2 ML CLEAR POLYSTYRENE/103 PERMANENT ADHESIVE/3.2 SCK  
Approximate weight per MMSI: 217 lbs. Standard core size is 3 inches. Total caliper: 5.9 mils +/- 10%

## FACESTOCK

A 2.0 mil corona treated clear polystyrene. Stiffness allows easy converting and dispensing.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	2.0	um (micrometers)	50.8	ASTM D374
Gloss - Films	% @ 45 degrees	165	% @ 45 degrees	165.0	ASTM D2457
Tensile Film - MD	lb/sq inch	10500	kg/sq cm	738.2	ASTM D882
Tensile Film - TD	lb/sq inch	10500	kg/sq cm	738.2	ASTM D882
Elongation at Break - MD	%	45	%	45.0	ASTM D882
Elongation at Break - TD	%	35	%	35.0	ASTM D882
Haze	%	.7	%	.7	ASTM D1003
Area Yield	sq in/lb	13185	sq m/kg	18.9	ASTM E252
1% Secant Modulus - MD	lb/sq inch	412500			ASTM D882
1% Secant Modulus - CD	lb/sq inch	400000			ASTM D882

## 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/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 (3000 Sq Ft)	53.5	grams/sq meter	87.2	TAPPI T410
Caliper - Average	mil	3.2	um (micrometer)	81.3	TAPPI T411
Opacity	%	70.0	%	70.0	TAPPI T425
Tear-MD	grams	46.0	mN	451.1	TAPPI T414
Tear-CD	grams	55.0	mN	539.4	TAPPI T414
Tensile-MD	lb/inch	52.0	kN/m	9.1	TAPPI T494
Tensile-CD	lb/inch	24.0	kN/m	4.2	TAPPI T494
Brightness	%	78.0	%	78.0	TAPPI T452

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