



# PRODUCT INFORMATION

**020CL0096012NB**

**Item #: S9239079**

2 MIL CLEAR BOPP/GP FILM ADHESIVE/1.2 MIL PET NO BACK COAT  
Approximate weight per MMSI: 149 lbs. Standard core size is 6 inches. Total caliper: 3.78 mils +/- 10%

## FACESTOCK

2.0 mil clear top-coated BOPP offers excellent print results with water-based and UV flexo ink systems, and hot stamping. Ultra clear for a no-label look. Perfect for health and beauty aid, household care, pharmaceutical, and beverage labeling.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	2.000	um (micrometers)	50.8	ASTM D374
Gloss - Films	% @ 45 degrees	85	% @ 45 degrees	85.0	ASTM D2457
Haze	%	2	%	2.0	ASTM D1003
Area Yield	sq in/lb	15000	sq m/kg	21.5	ASTM E252

## ADHESIVE

General purpose filmic adhesive designed for prime label applications. Excellent clarity and improved blush resistance. Higher shear film adhesive for improved press convertibility. Performs at application temperatures as low as 14°F. Meets APR Preferred Design for Recycling on HDPE (colored) and PP substrates.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.6	um(micrometer)	14.4	
Shear (1 x 1/2 x 1 kg)	hours	16.8	hours	16.8	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.7	grams/25 mm	759.0	CPD-52
Loop Tack Stain Steel	oz/sq inch	43	kg/645 sq mm	1.2	CPD-16
Min. App. Temp.	F	14	C	-10	
Service Temp.	F	-40 TO 160	C	-40 TO 71	

## 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	1.180	um (micrometers)	30.0	ASTM D374
Tensile Film - MD	lb/sq inch	32000	kg/sq cm	2249.6	ASTM D882
Tensile Film - TD	lb/sq inch	32000	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
Haze	%	6.0	%	6.0	ASTM D1003
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
Area Yield	sq in/lb	16805	sq m/kg	24.0	ASTM E252

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