



1CLPT0011112NB

Item #: S8166060

1 MIL CLEAR PET OVERLAM/111 PERMANENT ADHESIVE/1.2 MIL PET NO BACK COAT
Approximate weight per MMSI: 125 lbs. Standard core size is 6 inches. Total caliper: 2.62 mils +/- 10%

FACESTOCK

A glossy, clear polyester overlamine film. Good clarity. Effective in durable applications – resistant to heat and chemicals. High tear strength.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Average	mil	.92	um (micrometer)	23.4	TAPPI T411
Tensile Film - MD	lb/sq inch	35,000	kg/sq cm	2460.5	ASTM D882
Tensile Film - TD	lb/sq inch	35,000	kg/sq cm	2460.5	ASTM D882
Elongation at Break - MD	%	100	%	100.0	ASTM D882
Elongation at Break - TD	%	100	%	100.0	ASTM D882
Haze	%	1.7	%	1.7	ASTM D1003
Shrinkage-MD	% 30 min @ 302 F	1.6	% 30 min @ 150 C	1.6	ISO 2469
Shrinkage-TD	% 30 min @ 302 F	.4	% 30 min @ 150 C	.4	ISO 2469
Area Yield	sq in/lb	21557	sq m/kg	30.8	ASTM E252

ADHESIVE

A permanent, acrylic emulsion adhesive that is designed for films. It has excellent water whitening resistance. Adheres well to low-surface-energy plastics. Can be used in squeeze applications.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.5	um(micrometer)	11.5	
Shear (1 x 1/2 x 1 kg)	hours	5.1	hours	5.1	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.491	grams/25 mm	665.7	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	1.08	grams/25 mm	482.2	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	1.009	grams/25 mm	450.5	CPD-52
Peel - 180 D Glass 20 min	lb/inch	1.538	grams/25 mm	686.6	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.694	grams/25 mm	309.8	CPD-52
Loop Tack Stain Steel	oz/sq inch	37	kg/645 sq mm	1.0	CPD-16
Loop Tack HDPE	oz/sq inch	29	kg/645 sq mm	.8	CPD-16
Loop Tack LDPE	oz/sq inch	22	kg/645 sq mm	.6	CPD-16
Loop Tack Corrugated	oz/sq inch	8	kg/645 sq mm	.2	CPD-16
Loop Tack Glass	oz/sq inch	39	kg/645 sq mm	1.1	CPD-16
Min. App. Temp.	F	32	C	0	
Service Temp.	F	-4 TO 257	C	-20 TO 125	
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
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
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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