



PRODUCT INFORMATION

VALUT0072012NB

Item #: S9178360

FSC-VALUE THERMAL TRANS/ALL TEMP ADHESIVE/1.2 MIL PET

Approximate weight per MMSI: 173 lbs. Standard core size is 3 inches. Total caliper: 4.6 mils +/- 10%

FACESTOCK

A 42# (62 g/m²) top-coated, thermal transfer sheet that offers high performance at a lower cost. Strength and opacity are comparable to conventional thermal transfer facers. Exceptional print quality, especially for flood coating. FSC®-certified paper.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (3300 Sq Ft)	41.8	grams/sq meter	61.9	TAPPI T410
Caliper - Average	mil	2.8	um (micrometer)	71.1	TAPPI T411
Gloss	%	12.0	%	12.0	TAPPI T480
Opacity	%	87.0	%	87.0	TAPPI T425
Smoothness (PPS) Print Side	um	2.2	um	2.2	TAPPI T555
Tear-MD	grams	42.0	mN	411.9	TAPPI T414
Tear-CD	grams	42.0	mN	411.9	TAPPI T414
Tensile-MD	lb/inch	26.3	kN/m	4.6	TAPPI T494
Tensile-CD	lb/inch	17.1	kN/m	3.0	TAPPI T494
Stiffness Taber-MD	gram cm/mN	140.0	gram cm/mN	140	TAPPI T543
Stiffness Taber -CD	gram cm/mN	90.0	gram cm/mN	90	TAPPI T543
Brightness	%	86.0	%	86.0	TAPPI T452

ADHESIVE

A soft, general purpose, all-temperature acrylic adhesive for paper and film labels. Adheres to a variety of packages in a broad range of temperatures. Meets the TLMI Recycling Protocol TLMI-LRP-2 for paper recycling compatibility.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Shear (1 x 1/2 x 1 kg)	hours	.2	hours	.2	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.5	grams/25 mm	669.7	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	1	grams/25 mm	446.5	CPD-52
Peel - 180 D Glass 20 min	lb/inch	1.7	grams/25 mm	759.0	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.6	grams/25 mm	267.9	CPD-52
Loop Tack Stain Steel	oz/sq inch	44	kg/645 sq mm	1.2	CPD-16
Loop Tack HDPE	oz/sq inch	35	kg/645 sq mm	1.0	CPD-16
Loop Tack Corrugated	oz/sq inch	14	kg/645 sq mm	.4	CPD-16
Min. App. Temp.	F	-20	C	-29	
Service Temp.	F	-65 TO 180	C	-54 TO 82	
FDA Compliance	21 CFR	175.105			

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	1.200	um (micrometers)	30.5	ASTM D374
Tensile Film - MD	lb/sq inch	26300	kg/sq cm	1848.9	ASTM D882

Issued: 05/18/26

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