

**GREEN BAY PACKAGING**

COATED PRODUCTS

PRODUCT INFORMATION

095RK0050440SC**Item #: S3218060**

4.1 ML DIRECT THERM BOPP/504 PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 243 lbs. Standard core size is 3 inches. Total caliper: 7.2 mils +/- 10%

FACESTOCK

4.1 mil white BOPP film with direct thermal coating. Top coated for durability. Medium degree of sensitivity.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (3300 Sq Ft)	55.5	grams/sq meter	82.1	TAPPI T410
Caliper - Average	mil	4.1	um (micrometer)	104.1	TAPPI T411
Smoothness (PPS) Print Side	um	1.5	um	1.5	TAPPI T555
Tear-MD	grams	39.0	mN	382.5	TAPPI T414
Tear-CD	grams	30.0	mN	294.2	TAPPI T414
Stiffness-MD	Gurley (mg)	91.8	mN	.9	TAPPI T543
Stiffness-CD	Gurley (mg)	132.6	mN	1.3	TAPPI T543
Initial Activation Temp	F	169	C	76	ISO 1924
Effective Activation Temp	F	207	C	97	ISO 1924
Optimum Activation Temp	F	275	C	135	ISO 1924

Notes<http://gbp.com/coated-direct-thermal-ink-recommendations>**ADHESIVE**

A general purpose acrylic emulsion used primarily with paper substrates.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.7	um(micrometer)	18.0	
Shear (1 x 1/2 x 1 kg)	hours	1.7	hours	1.7	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.6	grams/25 mm	714.3	CPD-52
Loop Tack Stain Steel	oz/sq inch	41	kg/645 sq mm	1.1	CPD-16
Min. App. Temp.	F	35	C	2	
Service Temp.	F	-40 TO 160	C	-40 TO 71	
FDA Compliance	21 CFR	175.105			

LINERA white densified kraft sheet 41# (67 g/m²) 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)	41.0	grams/sq meter	66.8	TAPPI T410
Caliper - Average	mil	2.400	um (micrometer)	61.0	TAPPI T411
Opacity	%	60.0	%	60.0	TAPPI T425
Tear-MD	grams	34.0	mN	333.4	TAPPI T414
Tear-CD	grams	39.0	mN	382.5	TAPPI T414
Tensile-MD	lb/inch	40.0	kN/m	7.0	TAPPI T494
Tensile-CD	lb/inch	17.1	kN/m	3.0	TAPPI T494

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