



PRODUCT INFORMATION

070MK0776S40SC

Item #: S9217360

76 MICRON SYN DT/PET RECYCLABLE ADHESIVE/40 SC LINER

Approximate weight per MMSI: 201 lbs. Standard core size is 3 inches. Total caliper: 5.9 mils +/- 10%

FACESTOCK

A 3.0 mil BOPP direct thermal film. Medium degree of sensitivity. Top coated for durability. Use when moisture and environmental resistance are important. Dark image for excellent ability to be read and scanned.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (3300 Sq Ft)	36.2	grams/sq meter	53.6	TAPPI T410
Caliper Average (Films)	mils	3.000	um (micrometers)	76.2	ASTM D374
Tear-MD	grams	27	mN	264.8	TAPPI T414
Tear-CD	grams	20	mN	196.1	TAPPI T414
Stiffness-MD	Gurley (mg)	27	mN	.3	TAPPI T543
Stiffness-CD	Gurley (mg)	39	mN	.4	TAPPI T543
Initial Activation Temp	F	167	C	75	ISO 1924
Effective Activation Temp	F	196	C	91	ISO 1924
Optimum Activation Temp	F	298	C	148	ISO 1924

Notes

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

ADHESIVE

A general-purpose acrylic adhesive designed for PET recycling. Will wash off PET clamshells, bottles, and other containers during recycling leaving no adhesive residue behind. When combined with specific facers it has APR Critical Guidance Recognition.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.5	um(micrometer)	13.7	
Peel - 90 D PET 20 min	lb/inch	2.21	grams/25 mm	986.7	CPD-53
Shear (1 x 1/2 x 1 kg)	hours	7.98	hours	8.0	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.96	grams/25 mm	875.0	CPD-52
Loop Tack Stain Steel	oz/sq inch	55	kg/645 sq mm	1.5	CPD-16
Min. App. Temp.	F	25	C	-4	
Service Temp.	F	-65 TO 200	C	-54 TO 93	
FDA Compliance	21 CFR	175.105			

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LINER

A 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	grams/sq meter	66.8	TAPPI T410
Caliper - Average	mil	2.400	um (micrometer)	61.0	TAPPI T411
Opacity	%	60	%	60.0	TAPPI T425
Tear-MD	grams	34	mN	333.4	TAPPI T414
Tear-CD	grams	39	mN	382.5	TAPPI T414
Tensile-MD	lb/inch	40	kN/m	7.0	TAPPI T494
Tensile-CD	lb/inch	17	kN/m	3.0	TAPPI T494

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