



## PRODUCT INFORMATION

### 070MK - 3.0 MIL SYNTHETIC MEDIUM SENSITIVITY FILM

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	40.3	grams/sq meter	59.6	TAPPI T410
Caliper - Average	mil	3.0	um (micrometer)	76.2	TAPPI T411
Opacity	%	92	%	92.0	TAPPI T425
Tear-MD	grams	28	mN	274.6	TAPPI T414
Tear-CD	grams	21	mN	205.9	TAPPI T414
Tensile-MD	lb/inch	36	kN/m	6.3	TAPPI T494
Tensile-CD	lb/inch	53	kN/m	9.3	TAPPI T494
Stiffness-MD	Gurley (mg)	27	mN	.3	TAPPI T543
Stiffness-CD	Gurley (mg)	43	mN	.4	TAPPI T543
Elongation at Break - MD	%	150	%	150.0	ASTM D882
Initial Activation Temp	F	175	C	79	ISO 1924
Effective Activation Temp	F	209	C	98	ISO 1924
Optimum Activation Temp	F	275	C	135	ISO 1924
Area Yield	sq in/lb	11787	sq m/kg	16.9	ASTM E252

#### Notes

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

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