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THERMAL LABEL PAPER PRODUCT INFORMATION

140 LAR 50HR G12

FACESTOCK

ITEM	SPECIFICATION	TEST METHOD
Basis Weight	96# ± 11 (24 x 36 x 500 Sheets) 157 ± 18 g/m ²	TAPPI T-410
Caliper	6.5 Mils (164 ± 19 µm)	TAPPI T-411
Image Color	Black	VISUAL CHECK
Image Density (ODU)	1.25 Minimum	Macbeth Densitometer
Background Density (ODU)	0.11 Maximum	Macbeth Densitometer

PRESERVATION PROPERTIES

ITEM	SPECIFICATION	TEST METHOD
Plasticizer Resistance (Face)	Image 1.10 Minimum	40° C, Dry, 15 Hours
	Background 0.30 Maximum	
Water Resistance	Image 0.80 Minimum	Water Immersion, 15 Hours
	Background 0.30 Maximum	
Oil Resistance	Image 1.10 Minimum	40° C, Dry, 15 Hours
	Background 0.30 Maximum	
Moisture Resistance	Image 1.10 Minimum	40° C, 90% RH, 24 Hours
	Background 0.30 Maximum	
Heat Resistance	Image 1.10 Minimum	80° C, Dry, 1 Hour
	Background 0.30 Maximum	
Light Resistance	Image 1.10 Minimum	5,000 lx, 100 Hours
	Background 0.30 Maximum	

*Remarks: Image and Background measured by Macbeth (ODU)
Specification may change without notice

140 LAR 50HR LAMINATED PRODUCT

GRADE	UNIT	G12
Application Temperature	°F	-40 to 131
	°C	-40 to 55
Service Temperature	°F	-65 to 131
	°C	-54 to 55
Basis Weight (24 x 36 x 500)	LBS	158 ± 17
	g/m ²	258 ± 28
Caliper	µm	251 ± 30

Custom: Please contact the Sales/Marketing department for application specific adhesives.

Liner: 50# High Release Super Calendered White Kraft

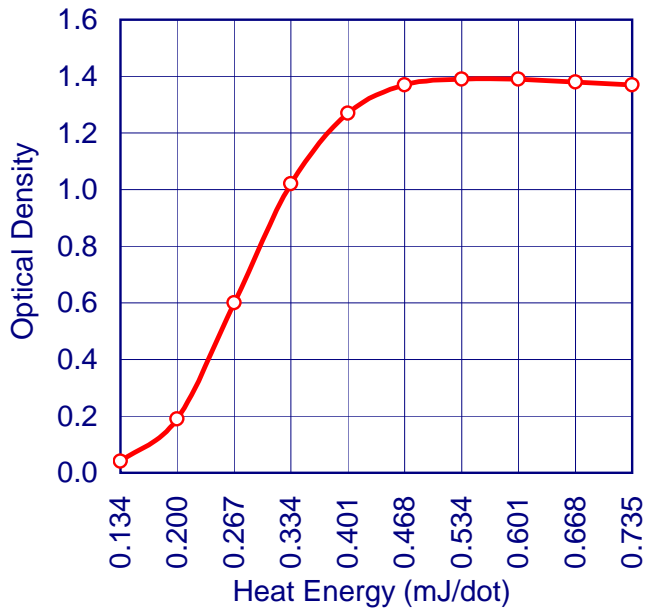
Caliper: 2.9 Mils ± 10% (75 ± 7 µm)

Opacity: 80% Maximum (Photovolt)

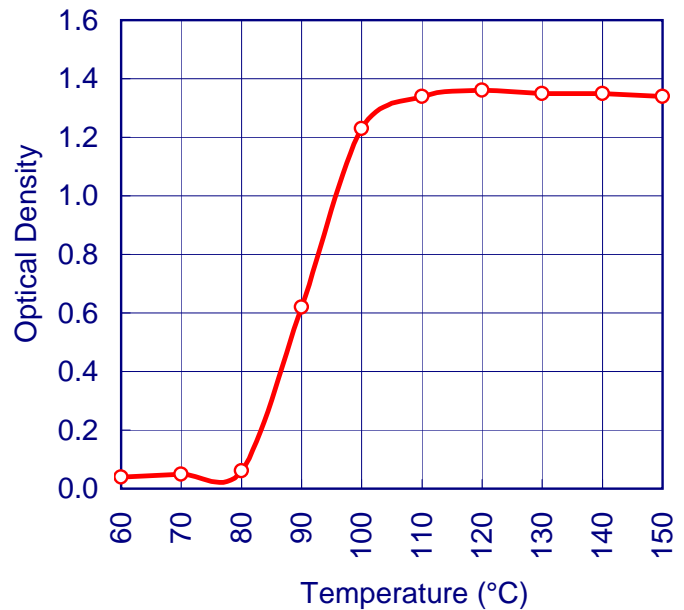
STORAGE CONDITION

Below 95°F (35°C) and less than 85% RH in a warehouse avoiding direct sunlight.

Dynamic Sensitivity



Static Sensitivity



Comments: Sensitivity curves are for general reference only.