

SPECIFICATION SHEET

This product specification sheet provides the detail to aid you in identifying the most appropriate product type to meet your company's specific requirements. Please direct questions to: **Ricoh Customer Service 1-800-843-7058**

DESCRIPTION

Ricoh's 130PLL-RN Linerless direct thermal top coated label stock is ideal for high-speed printing providing superior barcode reliability. A silicone linerless product generates less waste and provide more labels per roll.

KEY FEATURES

Silicone Linerless label that provides an environmentally friendly solution; Medium Sensitivity, Excellent Barcode Scannability

— APPLICATION AREAS —



Weigh Scale Labels



Postal & Shipping Labels

PROPERTIES

COATED PRODUCT PROPERTIES

ITEM	UNIT	SPECIFICATION	TEST METHOD
Basis Weight	g/m ²	93 ± 10	TAPPI T-410
Caliper	mil	3.5 ± 0.4	TAPPI T-411
	µm	88 ± 10	
Image Color		Black	Visual Check
Image Density	(ODU)	Minimum 1.00	X-Rite Densitometer

PRESERVATION PROPERTIES

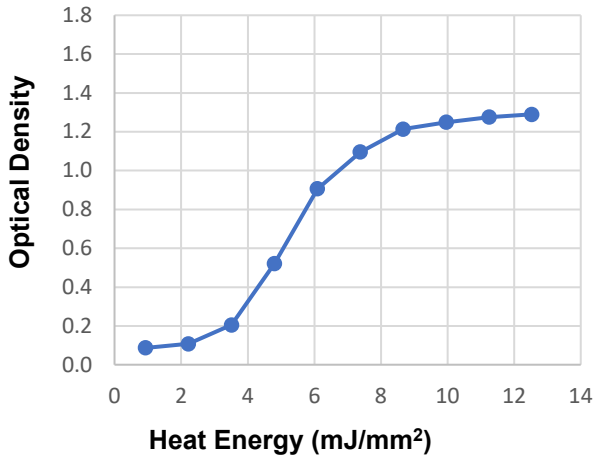
ITEM	SPECIFICATION	TEST METHOD
Oil Resistance	Image 0.70 Minimum	20°C, Dry, 15 Hours
	Background 0.20 Maximum	
Moisture Resistance	Image 0.70 Minimum	40°C, 90% RH, 15 Hours
	Background 0.20 Maximum	
Heat Resistance	Image 0.70 Minimum	90°C, Dry, 1 Hour
	Background 0.20 Maximum	
Light Lesistance	Image 0.70 Minimum	Fluorescent Lamp 5klx, 100 Hours
	Background 0.20 Maximum	

ADHESIVE PROPERTIES

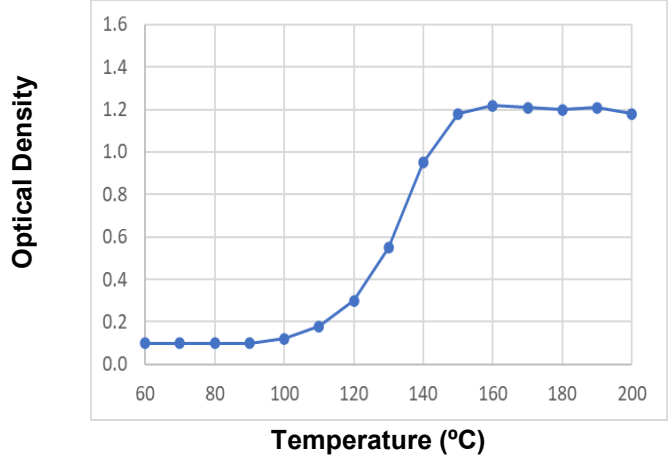
ITEM	UNIT	SPECIFICATION	TEST METHOD
Shear Resistance	mm	2.00 Maximum	1kg, 30min, 25mm×25mm, 22°C 55%
Release Value	mN/40mm	300 Maximum	300mm/min, 22°C 55%
Peel Adhesion	N/25mm	12.7 Minimum	SUS, 300mm/min, 22°C 55%

SENSITIVITY RESULTS

Dynamic Sensitivity



Static Sensitivity



Sensitivity curves are for reference only.

Storage Conditions: Below 95°F (35° C) and less than 85% R.H. in a warehouse, avoiding direct sunlight.

Tests performed on Markpoint MP104.

130PLL-RN – ADHESIVE PROPERTY

GRADE	UNIT	Hotmelt Permanent Adhesive
Application Temperature	°F	41 to 95
Service Temperature	°C	5 to 35
Application Temperature	°F	41 to 95
Service Temperature	°C	5 to 35

CERTIFICATES / REGULATIONS / DIRECTIVES

BPA Free

ISO9001

ISO14001

Indirect Food Contact

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