

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 CDT-2 Clear direct thermal label stock is ideal for high-speed printing providing superior barcode reliability. A Clear Direct Thermal Label product enhances visibility of products while making the plastic substrate easier to recycle.

KEY FEATURES

Clear Direct Thermal Product ; High image resolution & barcode reliability; Strong water resistance & sensitivity, easier recycling process

— APPLICATION AREAS —



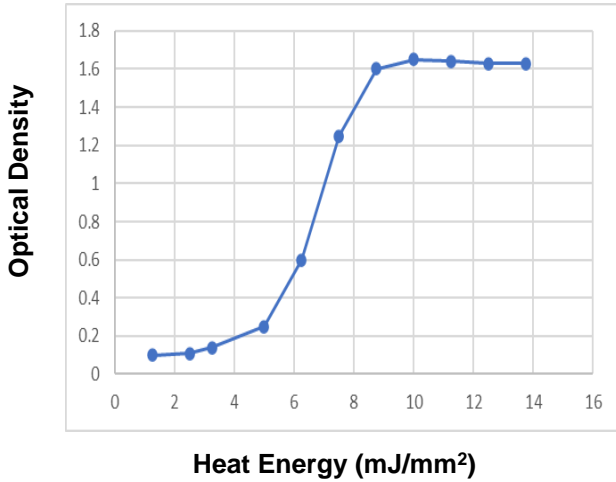
Food Labeling

PROPERTIES

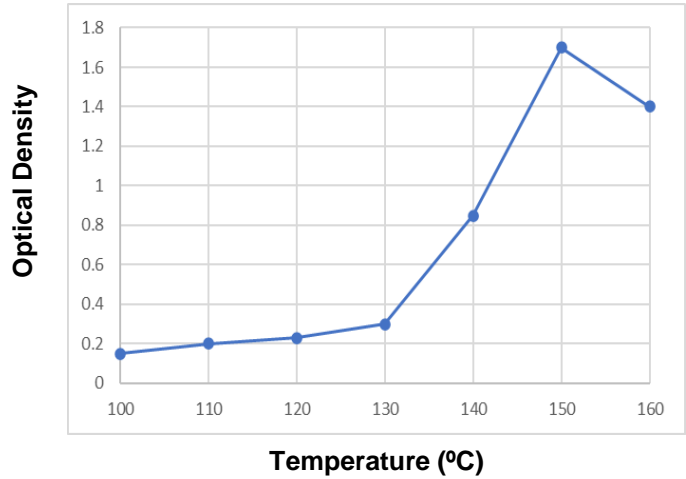
SUBSTRATE	ITEM	UNIT	SPECIFICATION	TEST METHOD
Thickness		µm	74± 6	JIS K-7130
Haze		%	27 or less	JIS K-7136
IMAGE PROPERTIES				
	ITEM	UNIT	SPECIFICATION	TEST METHOD
Color of Image		-	Black	Visual Measurement
Image Density		-	1.50 Minimum	-
PRESERVATION				
	ITEM	SPECIFICATION	TEST METHOD	
Plasticizer Resistance	Image	1.20 Minimum	23°C, Dry, 15 Hours	
	Background	0.20 Maximum		
Oil Resistance	Image	1.20 Minimum	23°C, Dry, 24 Hours	
	Background	0.20 Maximum		
Water Resistance	Image	1.20 Minimum	23°C, 15 Hours	
	Background	0.20 Maximum		
Temp/Humidity Resistance	Image	1.20 Minimum	40°C, 90% RH, 24 Hours	
	Background	0.20 Maximum		
Heat Resistance	Image	1.20 Minimum	90°C, Dry, 1 Hour	
	Background	0.20 Maximum		
Light Lesistance	Image	1.20 Minimum	luorescent Lamp 5klx, 100 Hour	
	Background	0.20 Maximum		
Microwave Resistance	Image	1.20 Minimum	1600W, 60 seconds	
	Background	0.20 Maximum		

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.

CDT-2 PP – ADHESIVE PROPERTY

GRADE	UNIT	CDT-2 PP
Application	°F	41 to 95
Temperature	°C	5 to 35
Service	°F	41 to 95
Temperature	°C	5 to 35

CERTIFICATES / REGULATIONS / DIRECTIVES

BPA Free
REACH

RoHS
ISO14001

ISO9001

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