



## SPECIFICATION

### LT 220+

**Description:** Direct thermal non-top coated, Contains Bisphenol A (BPA)

**Application:** Well suited for Retail, Commodity, Logistic label

#### Physical Properties

		Unit	Specification	Test method
Substance		g/m <sup>2</sup>	65.0 ± 5.0	ISO 536
Thickness		µm	75 ± 5	ISO 534
Smoothness		Sec	Min 100	Oken method
Brightness		%	Min 75	ISO 2470 (C/2°)
Tensile Strength	MD/CD	kN/m	Min 2.0 / Min 1.0	ISO 1924-2
Tearing Strength	MD/CD	mN	Min 200 / Min 200	ISO 1974
Stiffness	MD/CD	Cm <sup>3</sup> /100	>15 / >7	JIS P8143

#### Image Density

10.32mj/ mm<sup>2</sup>

Min 0.90

Atlantek 400 / Speed 4.0 inch/sec.

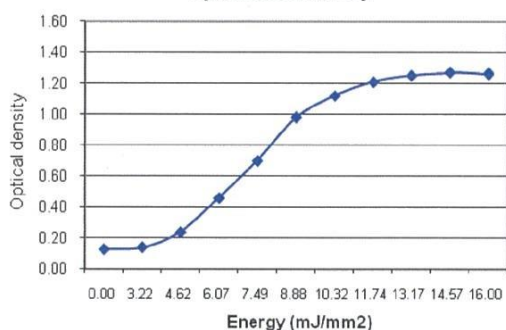
16.00mj/ mm<sup>2</sup>

Min 1.10

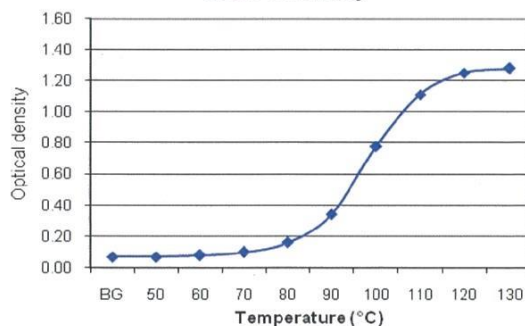
#### Durability

	Background / Image part	Test method
Heat Resistance	Max 0.20 / Min 0.80	60°C dry 24Hrs.
Moisture Resistance	Max 0.20 / Min 0.80	40°C 90%RH 24Hrs.
Light Resistance	Max 0.20 / Min 0.90	5000Lux 100Hrs.

**Dynamic sensitivity**



**Static sensitivity**



#### **Storage Suggestion**

Our thermal paper should be stored at a constant temperature of 23 ± 5 °C and a relative humidity of 50 ± 10%. Exposure to strong sunlight or strong artificial light or the influence of aggressive chemicals should be avoided.