

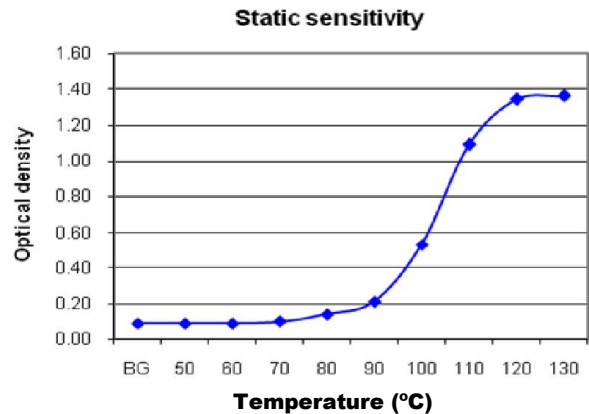
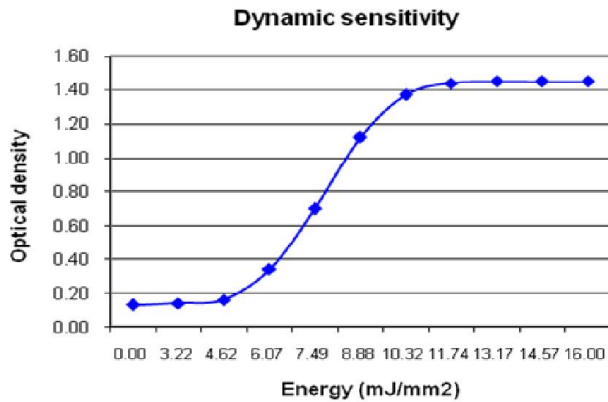


SPECIFICATION

LT 821

Description: Direct thermal polypropylene film with high sensitivity and high image density
Application: Well suited for Baggage Tag, Label face stock, Industrial labeling

<u>Physical Properties</u>	Unit	Specification	Test method
Substance	g/m ²	65.0 ± 5.0	ISO 536
Thickness	µm	85 ± 5	ISO 534
Smoothness	Sec	Min 1000	Oken method
Brightness	%	Min 80	ISO 2470 (C/2°)
<u>Image Density</u>			
10.32mJ/ mm ²		Min 1.00	Atlantek 400 / Speed 4.0 inch/sec.
16.00mJ/ mm ²		Min 1.35	
<u>Durability</u>		Background / Image part	Test method
Heat Resistance		Max 0.20 / Min 1.25	60°C dry 24Hrs.
Moisture Resistance		Max 0.20 / Min 1.25	40°C 90%RH 24Hrs.
Light Resistance		Max 0.20 / Min 1.25	5000Lux 100Hrs.
Water Resistance		Max 0.20 / Min 1.00	Immerse water Room temp 24Hrs.
Oil Resistance		Max 0.20 / Min 1.20	Wipe 24Hrs.
Plasticizer Resistance		Max 0.20 / Min 1.25	PVC film Room temp. 24Hrs.
100% Ethanol Resistance		Max 0.20 / Min 1.25	Wipe Room temp.



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.

Valid from June 2023