

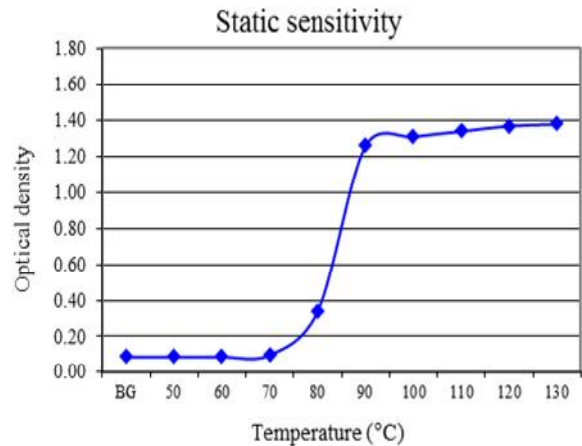
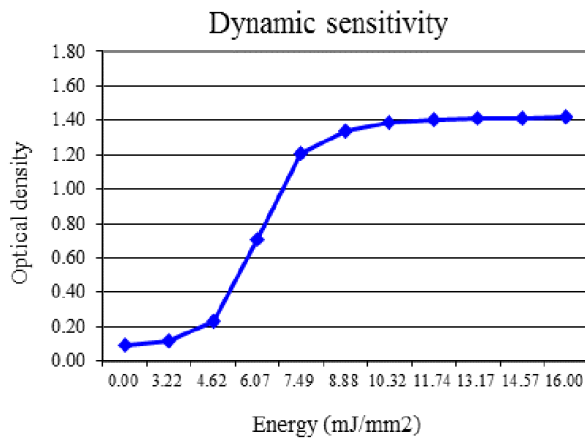


SPECIFICATION

KPT90

Description: Direct thermal top coated
Application: Well suited for Lottery, Gaming, Ticket

<u>Physical Properties</u>	Unit	Specification	Test method
Substance	g/m ²	78.0 ± 3.0	ISO 536
Thickness	µm	80 ± 5	ISO 534
Smoothness	Sec	Min 1000	Oken method
Brightness	%	84 ± 3	ISO 2470 (C/2°)
Opacity	%	92 ± 3	ISO 2471 (C/2°)
Image Density			
10.32mJ/ mm ²		Min 1.20	Atlantek 400 / Speed 4.0 inch/sec.
16.00mJ/ mm ²		Min 1.40	
Durability		Background / Image part	Test method
Heat Resistance		Max 0.25 / 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 1.20	5000Lux 100Hrs.
Water Resistance		Max 0.20 / Min 0.50	Immerse water Room temp 24Hrs.
Oil Resistance		Max 0.20 / Min 0.70	Wipe 24Hrs.
Plasticizer Resistance		Max 0.20 / Min 1.10	PVC film Room temp. 24Hrs.
100% Ethanol Resistance		Max 0.30 / 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