

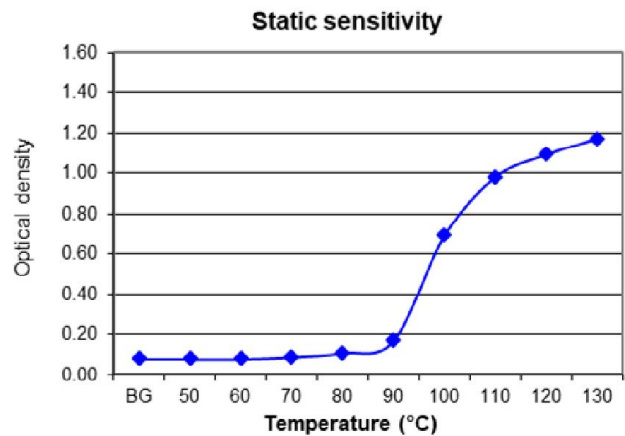
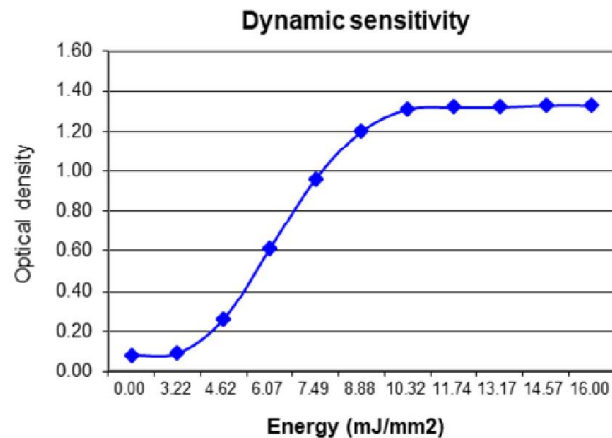


SPECIFICATION

LT 428

Description: Direct thermal top coated
Application: Well suited for Retail, Logistic, Industrial label

| Physical Properties | | Unit | Specification | Test method |
|----------------------------|-------|----------------------|--------------------------------|------------------------------------|
| Substance | | g/m ² | 65.0 ± 3.0 | ISO 536 |
| Thickness | | µm | 70 ± 5 | ISO 534 |
| Smoothness | | Sec | Min 1000 | Oken method |
| Brightness | | % | Min 75 | ISO 2470 (C/2°) |
| Tensile Strength | MD/CD | kN/m | Min 3.0 / Min 1.0 | ISO 1924-2 |
| Tearing Strength | MD/CD | mN | Min 300 / Min 300 | ISO 1974 |
| Stiffness | MD/CD | Cm ³ /100 | >30 / >15 | JIS P8143 |
| Image Density | | | Min 0.80 | Atlantek 400 / Speed 4.0 inch/sec. |
| | | | Min 1.25 | |
| Durability | | | Background / Image part | Test method |
| Heat Resistance | | | Max 0.20 / Min 1.15 | 60°C dry 24Hrs. |
| Moisture Resistance | | | Max 0.20 / Min 1.15 | 40°C 90%RH 24Hrs. |
| Light Resistance | | | Max 0.20 / Min 1.15 | 5000Lux 100Hrs. |
| Water Resistance | | | Max 0.20 / Min 0.50 | Immerse water Room temp 24Hrs. |
| Oil Resistance | | | Max 0.20 / Min 1.00 | Wipe 24Hrs. |
| Plasticizer Resistance | | | Max 0.20 / Min 1.15 | PVC film Room temp. 24Hrs. |



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