

# KLN282EF-2.3

**Label** | Logistics | Retail | Weight Scales

No Phenols Added To This Product. No BPA Added To Any KSP Products.



An environmentally friendly thinner non top-coated medium sensitivity direct thermal paper with heat and heat/humidity resistance. Ideal for a variety of short term barcode applications in standard speed thermal printers. Excellent scuff resistance within the non topcoated product class.

## Key Features:

- Non-Top-Coated
- Standard Sensitivity
- Up To 8 IPS
- Durability for NTC
- Image Longevity

## Applications:

- Industrial Barcode Labels
- Logistics Labeling
- Retail Labels
- Weight/Unit Price Scales

## Product Characteristics Averages:

<b>Caliper</b>	2.25 mils
	57 $\mu$ m
<b>Basis Weight</b>	54.5 (g/m <sup>2</sup> )
(17x22-500 Sheets)	14.6#
<b>Brightness</b>	89%
<b>Smoothness PPS (1000kPa)</b>	1.30 $\mu$ m

## Environmental Resistance

Heat Resistance	High
Oils / Plasticizers	Good
Alcohol / Solvents	Superior
24 hr. Water Immersion	Superior

## Thermal Response

Optical Density = 0.2	198 $\pm$ 9°F (92 $\pm$ 5°C)
Optical Density = 0.8	221 $\pm$ 9°F (105 $\pm$ 5°C)
Optical Density = 1.2	248 $\pm$ 9°F (120 $\pm$ 5°C)

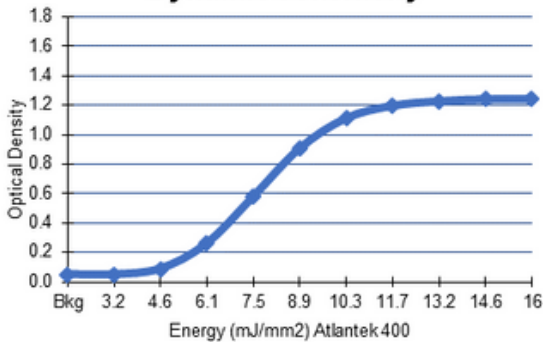
## Printing Recommendations

Thermal Side	Water / UV Flexo / UV Offset
Reverse Side	Water / UV Flexo / UV Offset

## Dynamic Response - Atlantek 400 - Medium Energy Optical Density X Rite Densitometer

Data represents product averages and does not constitute a warranty. Vendor shall not be responsible for liability resulting from any deviation from this information. All products should be pretested to determine suitability for any specific purpose.

**Dynamic Sensitivity**



**Static Sensitivity**

