

PRODUCT INFORMATION

KIP-500IR

TYPICAL PROPERTIES:

Basis Weight (17x22-500 Sheets)
Caliper
Brightness
Smoothness
Image Color
Initial Activation Temperature (O.D.=0.2)
Effective Activation Temperature (O.D.=0.8)
Optimum Activation Temperature (O.D.=1.2)
Resistance to Oils, Plasticizers
Resistance to Alcohol, Solvents
24 Hour Water Immersion

Representative Data

22.2# (83.5 g/m²) Avg
3.33 Mills (84.6 Microns) Avg
80.5% Avg
760 sec Avg
Black
149 ± 9°F (65 ± 5°C)
176 ± 9°F (80 ± 5°C)
194 ± 9°F (90 ± 5°C)
Excellent
Excellent
Excellent

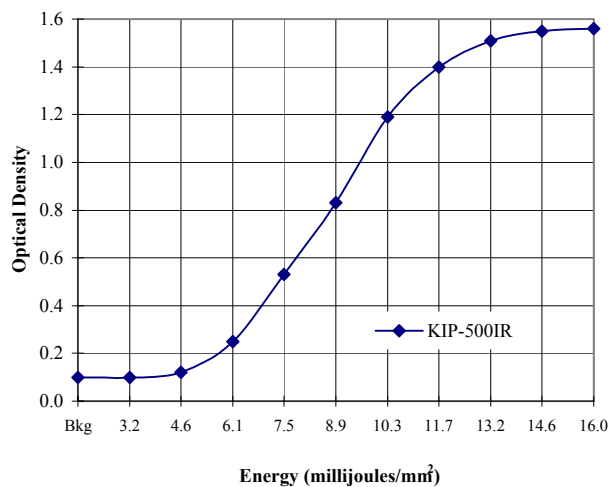
Test Method

TAPPI T-410
TAPPI T-411
TAPPI T-525
TAPPI T-479

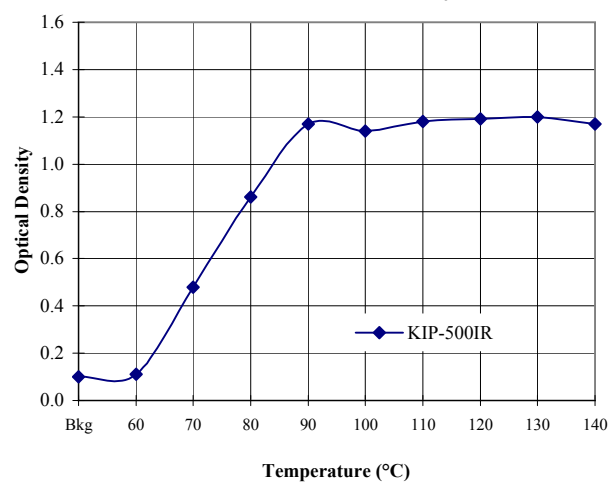
APPLICATION NOTES:

A high sensitivity infrared (IR) scannable thermal paper for use in high speed direct thermal printers. KIP-500IR is suitable for barcode scanning throughout visible light (633 nm), near IR (675 nm), and IR wavelength ranges up to 1000 nm, and is top coated for optimum environmental resistance

Dynamic Sensitivity



Static Sensitivity



Dynamic Sensitivity: Atlantek 400, Medium Energy

The data described in this product information sheet represent product averages and should be utilized only after allowing for accepted industry variances. Vendor shall not be responsible for any liability resulting from any deviation from this information, and all products should be pretested to ensure that products meet all intended requirements of specific end-use application.