

## PRODUCT INFORMATION

## KPL5270

### FACE STOCK:

Basis Weight (24x36-500 Sheets)  
 Caliper  
 Haze  
 Smoothness (Parker Print-surf)  
 Image Color  
 Initial Activation Temperature (O.D.=0.20)  
 Effective Activation Temperature (O.D.=0.80)  
 Optimum Activation Temperature (O.D.=1.50)  
 Initial Activation Temperature (O.D.=0.10)  
 Effective Activation Temperature (O.D.=0.30)  
 Optimum Activation Temperature (O.D.=0.90)  
 Resistance to Oils, Plasticizers  
 Resistance to Alcohol  
 24 Hour Water Immersion

### Representative Data

44.1# (71.8 g/m<sup>2</sup>) Avg  
 3.30 Mills (84 Microns) Avg  
 42% Avg  
 0.7 μm Avg  
 Black  
 178 ± 9°F (81 ± 5°C)  
 216 ± 9°F (102 ± 5°C)  
 234 ± 9°F (112 ± 5°C)  
 190 ± 9°F (88 ± 5°C)  
 216 ± 9°F (102 ± 5°C)  
 234 ± 9°F (112 ± 5°C)  
 Excellent  
 Excellent  
 Excellent

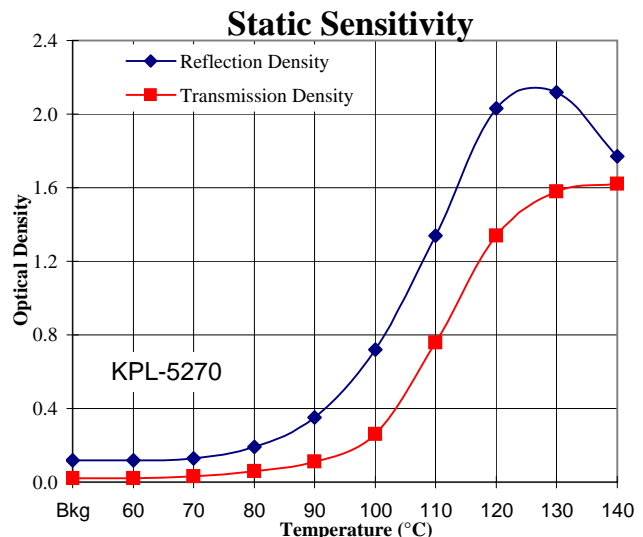
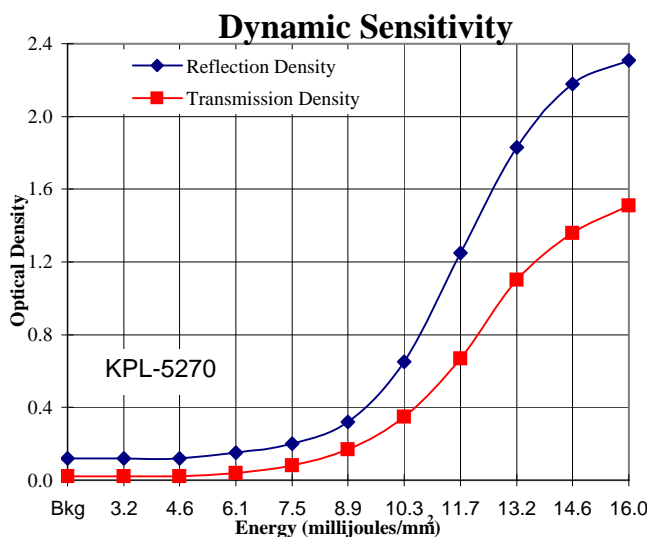
### Test Method

TAPPI T-410  
 TAPPI T-411  
 ASTM D1003-95  
 TAPPI T-555

### APPLICATION NOTES:

A durable standard sensitivity, high density transparent direct thermal film that exhibits good environmental resistance. Ideal for labels on both clear and opaque substrates without sacrificing the appearance of the substrate surface. Well suited for address labels, product identification labels, shelf marking labels, drink cups, garment labels and other applications that require transparent characteristics.

KPL-5270 is not suitable for flexographic preprinting.



### 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 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.