



KONICA MINOLTA

# TECHNICAL DATA SHEET

## KONICA MINOLTA QA PAPER CENTURIA TYPE A9

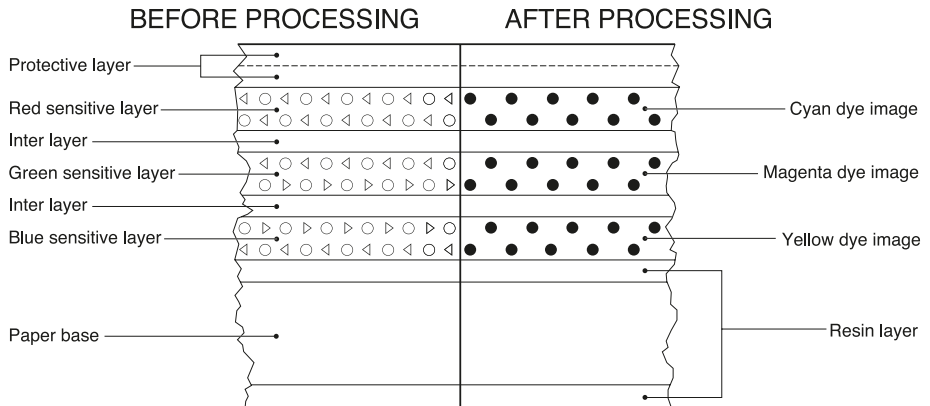
## KONICA MINOLTA QA PAPER Impresa TYPE A9

## KONICA MINOLTA QA PAPER Golden Dragon TYPE A9

### FEATURES

KONICA MINOLTA QA PAPER CENTURIA TYPE A9, KONICA MINOLTA QA PAPER Impresa TYPE A9, and KONICA MINOLTA QA PAPER Golden Dragon TYPE A9 are color papers designed to deliver prints with high quality finishes. These papers feature new white ground enhancement technology and newly designed couplers. They deliver better whiteness than previous papers and superior color reproduction, together with high processing stability and high image keeping stability. The result is high quality prints with superior stability. Print productivity has also been improved through higher sensitivity. Taking advantage of these characteristics to deliver beautiful prints, KONICA MINOLTA QA PAPER CENTURIA TYPE A9, KONICA MINOLTA QA PAPER Impresa TYPE A9, and KONICA MINOLTA QA PAPER Golden Dragon TYPE A9 are the optimum papers for general color prints.

### LAYER STRUCTURE



### PAPER BASE

Polyethylene-coated paper

### PAPER SIZES

Roll of 82~305mm in width.  
 Other roll sizes including master rolls, and various sheet sizes are also available.

Note: The range of sizes may be changed without notice.

### SURFACE FINISH

Glossy, Matte and Supre-Luxe.  
 (Supre-Luxe is not available for Impresa and Golden Dragon)

Note: The range of surface finishes may be changed without notice.

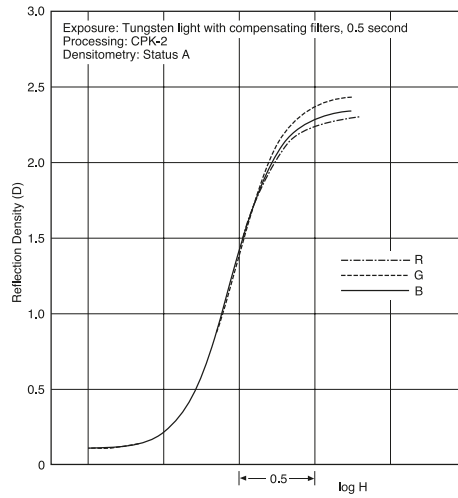
**DEVELOPMENT PROCESS** QA Paper Process CPK-2 Series or RA-4 compatible chemicals.

### SAFELIGHT/DARK ROOM LAMP

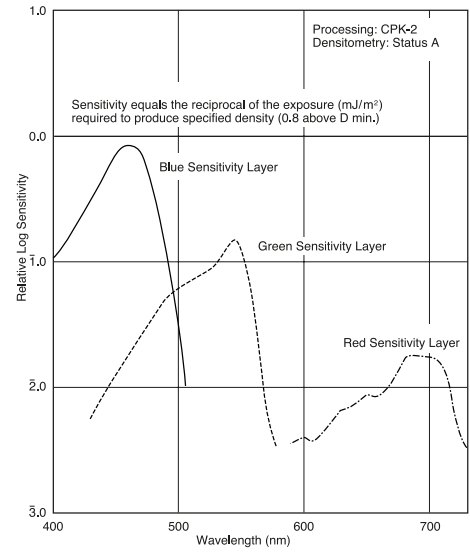
The paper must be handled in total darkness. Do not use a safelight.

## CHARACTERISTIC CURVES · SPECTRAL SENSITIVITY · SPECTRAL DYE DENSITY CURVES

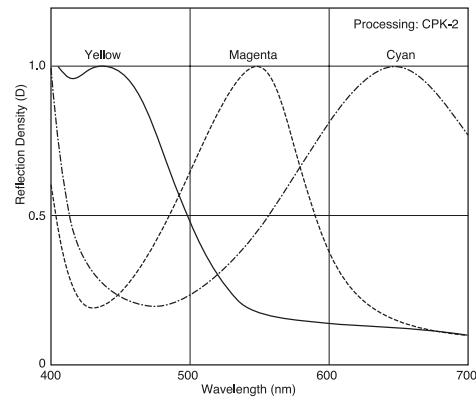
### CHARACTERISTIC CURVES



### SPECTRAL SENSITIVITY

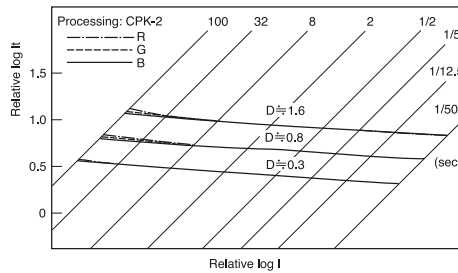


### SPECTRAL DYE DENSITY CURVES

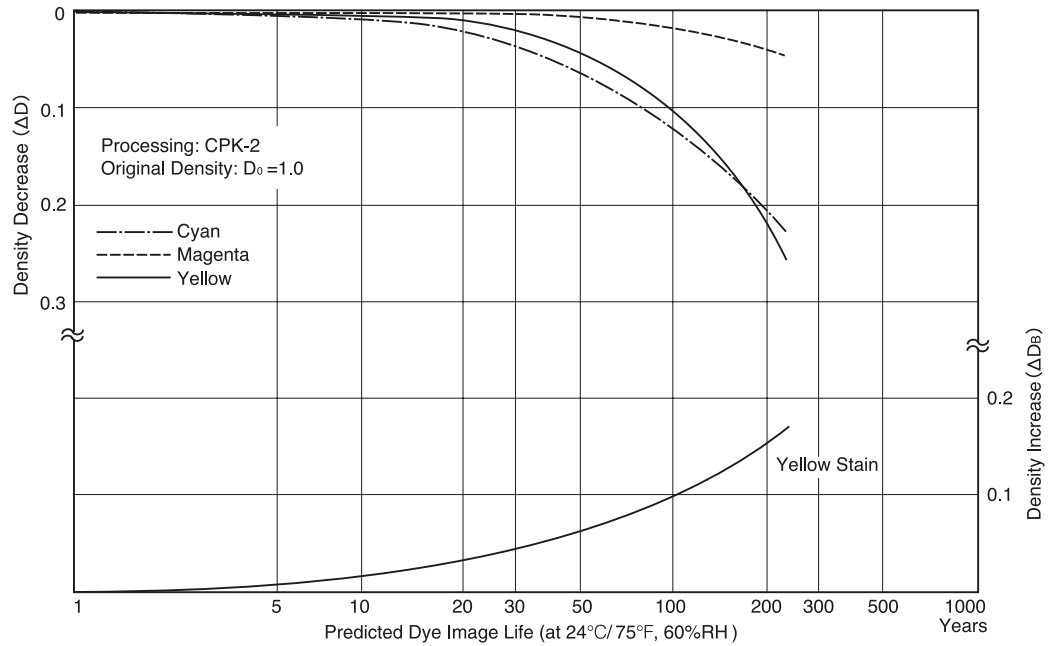


## RECIPROCITY CHARACTERISTICS

### RECIPROCITY CHARACTERISTICS

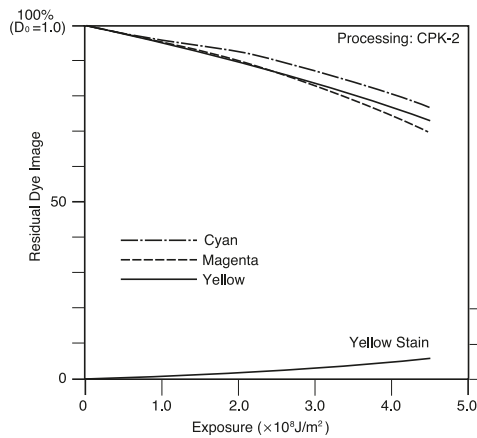


**DYE IMAGE STABILITY UNDER DARK STORAGE CONDITIONS**

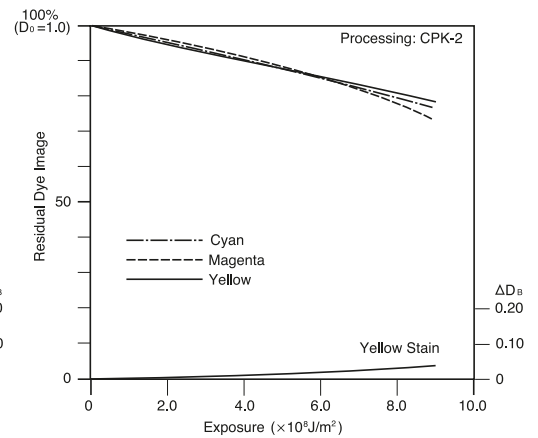


The graph shows the predicted dye image fading at initial density  $D_0=1.0$  under the conditions of 60% RH at 24°C/75°F, derived from Arrhenius plots. On the basis of this graph, yellow, magenta and cyan formed dye images are predicted to retain at least 85% of initial density for 100 years or longer under normal conditions of preservation (in photo album).

**DYE IMAGE STABILITY UNDER LIGHT STORAGE CONDITIONS**



Dye Image Stability in Light Storage (Xenon lamp)  
(Fading of Neutral Gray of  $D_0=1.0$  and Stain Increase)



Dye Image Stability in Light Storage (Sunlight)  
(Fading of Neutral Gray of  $D_0=1.0$  and Stain Increase)

The percentages of retained dye images (initial neutral gray  $D_0=1.0$ ) of prints are plotted for regular intervals of exposure, yellow staining caused by prolonged exposure to light is greatly reduced. Outstanding dye image resistance to light enables our paper to offer longer-lasting rich color and gradation for display photographs.

**PRECAUTIONS**

1. Store unexposed color paper in a cool and dry place (below 10°C or 50°F) such as a refrigerator.
2. To avoid water condensation on the surface and to minimize the effect of paper temperature on print density and color balance, allow paper which has been stored cool to reach room temperature before use.  
Return the remaining paper to cool storage (below 10°C or 50°F).

## WARM-UP TIME (Cool storage to room temperature)

Paper size	From 5 to 22°C (41 to 72°F), 55% RH
85m (=275 ft.) or 8"x10" 100 sheets package	About 2 hours
175m (=575 ft.)	About 5 hours

NOTICE: The characteristic curves and data in this publication represent test results obtained under the specified conditions of exposure and processing. They do not represent standards or specifications for Konica products. The manufacturer reserves the right to modify product characteristics at any time.



KONICA MINOLTA

**KONICA MINOLTA PHOTO IMAGING, INC.**  
CS Center, Photo Business Division

No. 1, Sakura-machi, Hino-shi, Tokyo 191-8511, Japan  
Telephone: (042) 589-8190 Fax: (042) 589-8072

URL; <http://konicaminolta.com>

JUNE. '04  
PUB. No. TDSP-205  
\* F97

© KONICA MINOLTA  
FD060406E3 Printed in Japan