

DNP CENTURIA PAPER Type FD

DNP CENTURIA Premium PAPER Type FD

Features

DNP CENTURIA PAPER Type FD, DNP CENTURIA Premium PAPER Type FD are specifically designed to obtain high quality prints optimized from digital exposure such as laser to obtain high quality images.

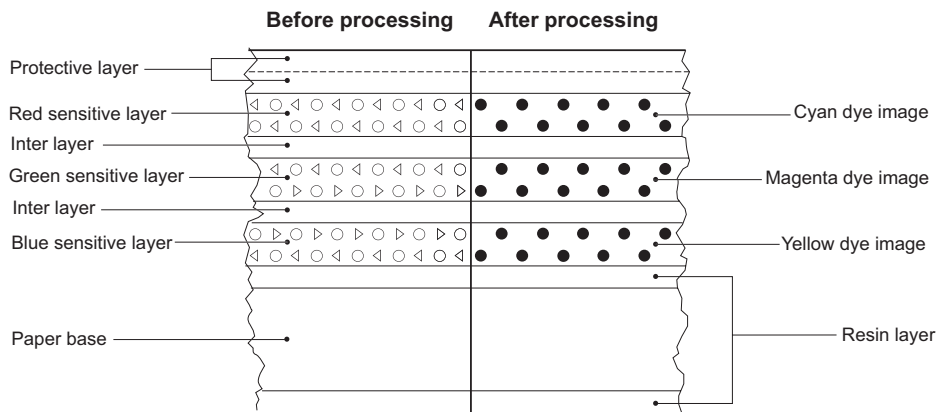
With rapid increase in digital files being printed these papers will deliver superior quality and performance for all your digital printing needs.

With the latest emulsion technology, these papers have a smooth gradation and excellent shadow detail for a high Dmax and excellent highlight detail.

With a whitening technology and coupler, these papers have a natural whiteness that is close to real white with excellent highlight reproduction and color reproduction.

By utilizing these new technologies these papers deliver superior processing stability and image permanence. DNP CENTURIA PAPER Type FD, DNP CENTURIA Premium PAPER Type FD are optimized to deliver the image quality and performance that you have come to expect from DNP.

Layer Structure



Paper Base

Polyethylene-coated paper

Paper Sizes

Roll of 82~305mm in width

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

Surface Finish

Glossy, Matte and Supre-Luxe

-Matte is available only for Premium PAPER.

-Supre-Luxe is not available for Premium PAPER.

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

Processing

Process CPD-2 series or RA-4 compatible chemicals.

Safelight

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



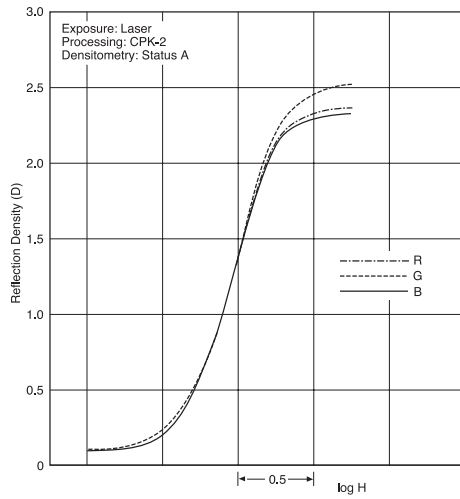
DNP Photo Marketing Co., Ltd. International Sales & Marketing Unit

CS Tower 5-20-8, Asakusabashi, Taito-ku, Tokyo 111-0053, Japan

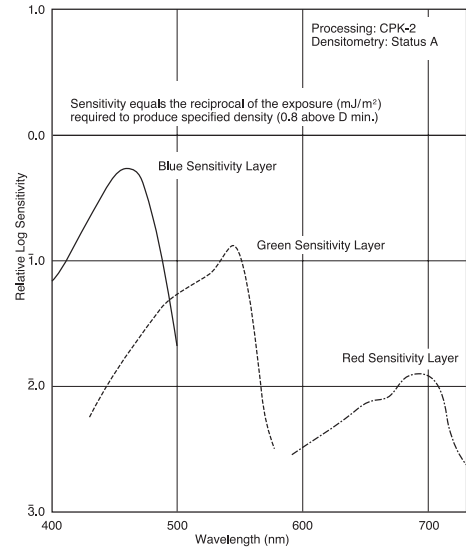
TEL.+81-3-6830-7660 FAX.+81-3-6830-7661

Characteristic Curves, Spectral Sensitivity & Spectral Dye Density Curves

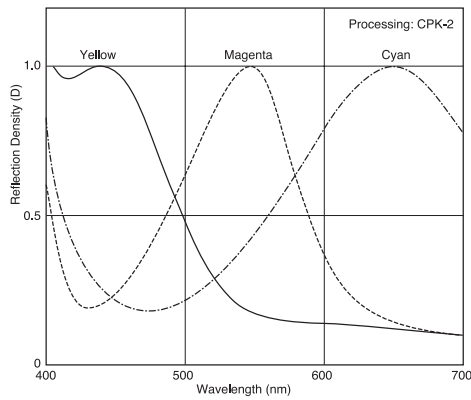
Characteristic Curves



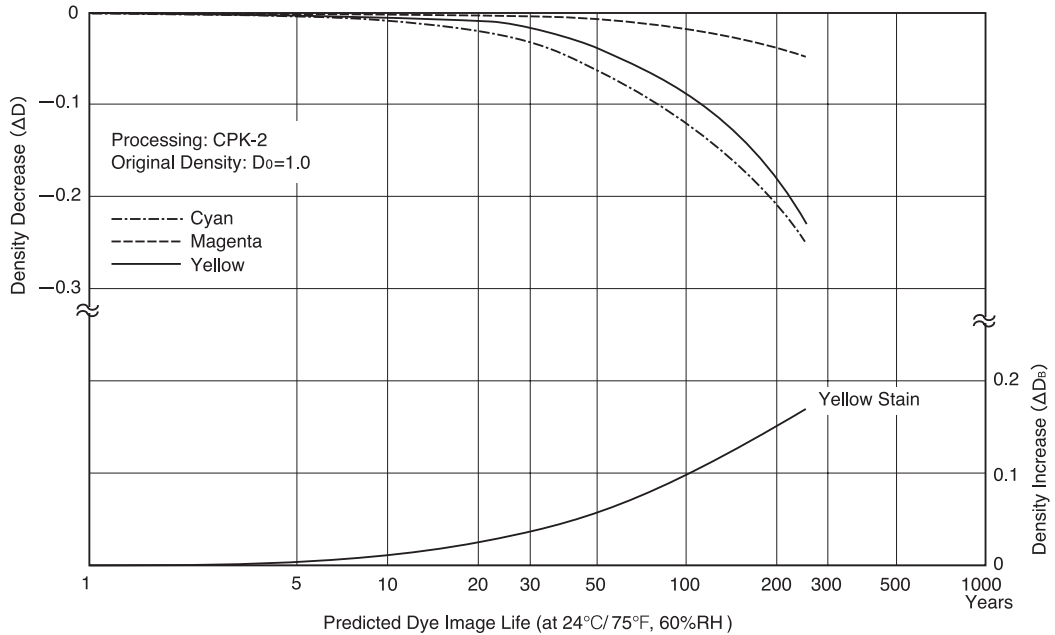
Spectral Sensitivity



Spectral Dye Density Curves

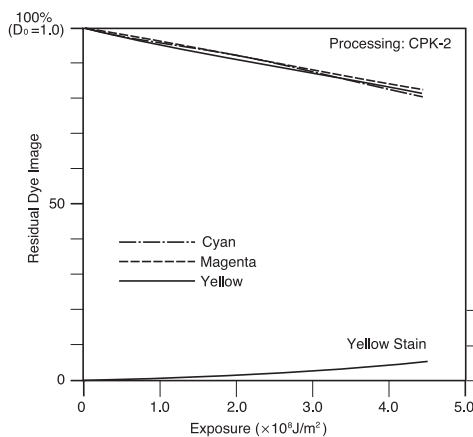


Dye Image Stability under Dark Storage Conditions

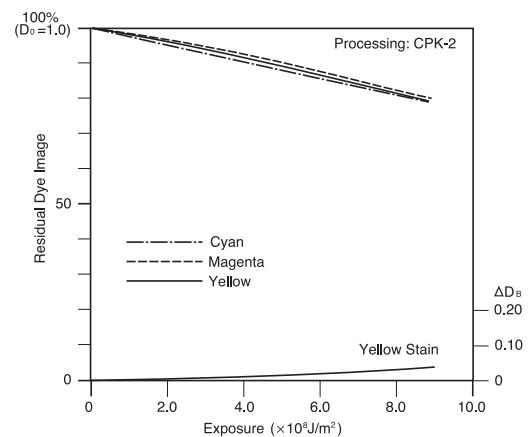


The graph shows the predicted dye image fading at initial density $D_0=1.0$ under the conditions of 60% RH at 24°C/75°F, derived from Arrhenius plots. On the basis of this graph, yellow, magenta and cyan formed dye images are predicted to retain at least 85% of initial density for 100 years or longer 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 in a cool place 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 (278.8 ft.)	About 2 hours
180m (590.5 ft.)	About 5 hours

3. Because this paper is not designed for optical exposure, it may not be fit for use on certain conventional, optical exposure printers.

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 DNP products.
The manufacturer reserves the right to modify product characteristics at any time.