

DuPont™ Artistri® PN3000 Series Ink

Digital Inkjet Inks

DuPont™ Artistri® PN3000 is a premium pigment ink for commercial printers offering best in class color with deep, rich blacks and outstanding color saturation. Artistri® PN3000 meets the needs of quality conscious printers serving multiple market areas including, direct mail, transactional, books, stationery, newspapers and magazines.

Backed by more than 30 years of digital inkjet industry leadership, performance leader DuPont™ Artistri® PN3000 also features world class ISO 9000:2015 certified production standards and DuPont’s full process technical support.

Application Properties

DuPont™ Artistri® PN3000 pigment ink is formulated with proprietary DuPont technology and is compatible with industry standard drying technologies. DuPont™ Artistri® PN3000 pigment ink yields excellent color and permanence. Contact DuPont Technical Support for process recommendations.

Printhead Compatibility*

DuPont™ Artistri® PN3000 ink is compatible with the following piezo printheads:

- Panasonic UH-HA810
- Panasonic UH-HA820
- EPSON

*Printhead compatibility is a non-exhaustive list, please discuss further with a representative for more information.

Commercial Supply

The PN3000 is available in process colors (Cyan, Magenta, Yellow and Black) and is packaged in 20-liter pails, 200-liter drums or 1,000-liter totes.

Available only to Authorized Distributors of DuPont™ Artistri® ink.

Storage and Shelf Life

The ink should be stored in a clean, dry area, with temperature controlled between 10 – 40 °C (50 – 104 °F). The shelf life for these inks is 18 months from the date of manufacture.

Ink Color and Product Numbers

Ink Color	Product Number
Cyan	PN3010
Magenta	PN3020
Yellow	PN3030
Black	PN3040

Applications

- Transactional, books, newspapers, direct mail.
- Printing on uncoated papers.

Product Features and Benefits

The PN3000 ink set uses DuPont proprietary ink formulation for:

- High optical density on a variety of uncoated and inkjet treated papers
- Large color gamut
- High image quality
- Reliable jetting sustainability
- Low frequency of maintenance intervals
- High durability on uncoated papers with minimal or no drying requirements

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The following data represents results of internal testing performed with the specified ink, media and print resolution. Results in actual end uses may vary depending upon the conditions of use.

Optical Density

Printed on Kyocera KJ4B printhead, 600x600dpi resolution with Kyocera OEM waveform

Color readings with X-Rite Exact xp Pantone D50-2° Mo Filter 2mm aperture ColorCert ceramic white background

	Xerox Vitality			Mitsubishi DL9084			Accent Opaque (GSM 105)		
	Small	Medium	Large	Small	Medium	Large	Small	Medium	Large
■ PN3010 Cyan	0.83	1.00	1.09	1.05	1.24	1.30	0.86	0.92	0.96
■ PN3020 Magenta	0.65	0.84	0.96	0.79	1.03	1.14	0.72	0.81	0.85
■ PN3030 Yellow	0.62	0.75	0.87	0.78	0.92	0.99	0.69	0.75	0.79
■ PN3040 Black	0.99	1.23	1.40	0.98	1.23	1.43	0.96	1.12	1.22

(Typical Values)

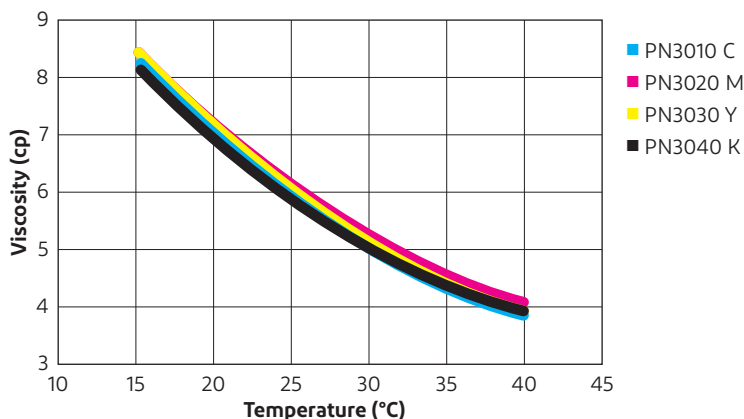
Physical Properties

Measured at 25°C

Test Name	PN3010 Cyan	PN3020 Magenta	PN3030 Yellow	PN3040 Black
pH	9.0	9.0	8.8	8.6
Surface tension (mN/m)	35.0	35.5	34.0	37.0
Viscosity (cP)	5.7	5.5	5.9	5.7

(Typical Values)

Viscosity vs. Temperature



For more information on DuPont™ Artistri® or other DuPont products, please visit our website.

Artistri.DuPont.com

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