

Product Data Sheet: PCA-Ink Series

www.inktec.com

PROFILE BASIC INFORMATION

Model	PCA-Ink Series (MB, BK, DC, DM, YE, PC, PM, GY) 1 Liter-Bottle / 20 Liter-Bottle / 700ml-Cartridge
Description	Water Based Pigment Ink
Application Head	PF-03 (iPF 8000S) / PF-05 (iPF 8300S)
Compatible Printers	iPF8000S / iPF8300S

Product Description

InkTec is consistently developing high quality pigment ink by using its own dispersion techniques. As one of our water-based pigment inks, we secure that PCA-Ink Series shows optimal printing stability in various circumstances (15°C, 20% ~ 30°C, 80%). In addition, it can be helpful to print bright and vivid images on photo paper as well as various media.

Technical Specification

Color	Wide color gamut and High density
Outdoor Durability	Up to 12 months
Shelf Life	2 Years from date of manufacture when stored correctly
Quality Standard	Certified for ISO 9001 Quality System Standard Certified for ISO 14001 Environmental Management System
Safety	MSDS(Material Safety Data Sheet) available upon request

Application

PCA-Ink Series are specially designed for Canon IPF8000S / iPF8300S and the main applications are photo printing and indoor banner printing for advertisement.

Physical Properties

Parameter	PCA		Unit	Measuring Instrument
	from	up to		
Surface tension	30.0	45.0	dyne/cm	Surface tensiomat 21 [Fisher scientific company]
Viscosity (dynamic)	2.0	3.5	cP	LVDV-II+ Pro [Brookfield Engineering Labortary]
pH	8.0	11.0	—	Orion 3 Star [Thermo Electron Corporaton]
Particle size	60.0	150.0	nm	NPA 252-1 [Microtrac instrument coporation]

☆ All measurements are made at 25±5°C / the value after 30 seconds

Product Data Sheet: PCA-Ink Series

www.inktec.com

Color Gamut

Measuring Condition	
Colorimeter	Spectrolino
Illumination	D50
Observer angle	2°
Density Standard	DIN
Filter	No

Test Option	
Printer	: Canon iPF8300S
Printing Option	: HG170 / Standard (600dpi)
Media	: HP Everyday Pigment ink Gloss Photo Paper
Image	: Single Color

Figure 1. Lab Color space

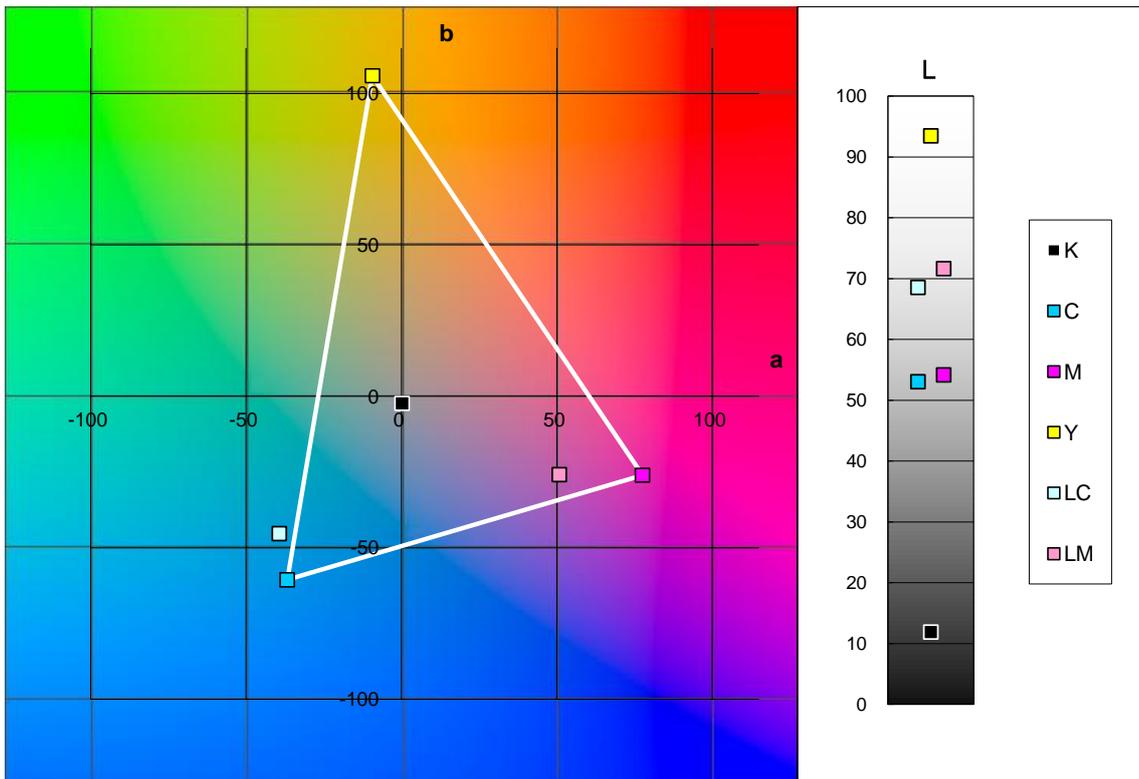


Figure 2. Optical Density

