

# Product Data Sheet:PLD-Ink Series

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## PROFILE BASIC INFORMATION

<b>Model</b>	PLD(BK,DC,DM,YE,LC,LM) : 1Liter, 20Liter-Bottle 1Liter-Pack, 220ml, 440ml-Cartridge
<b>Description</b>	Water Based Dye Ink
<b>Application Head</b>	EPSON Piezo Head(Micro Piezo AMC)
<b>Compatible Printers</b>	Roland hi-fi jet pro FJ740/FJ600/FJ500/FJ400, Roland hi-fi jet FJ42/FJ52 Mutoh WaveJet Series / RJ 8000 series, Mutoh falcon RJ4100, RJ6100 Mimaki JV4-Series / JV2-Series / PV-90, Roland Cammjet CJ400/CJ500 Epson stylus 9500/9000/7000, kodak professional 3038/3043/3062

## Product Description

InkTec's PLD ink is specially designed for Large Format Printer which has a Epson 10000 Piezo heads. It has six colors (CMYKLcLm) and is supplied in 220ml cartridge, 1Litter bottle and 20liter bottle. It is a water-based dye ink with wide color gamut and vivid color. Most of all, we improved its stable jetting ability in various printing circumstances like -20℃ ~ 40℃ temp. 10%~80% humidity by applying deformming know-how. The ink has also fast drying time and are suitable for fast printing mode.

## Technical Specification

<b>Color</b>	Wide color gamut and High density
<b>Outdoor Durability</b>	Up to 12 months
<b>Shelf Life</b>	2 Years from date of manufacture when stored correctly
<b>Quality Standard</b>	Certified for ISO 9001 Quality System Standard Certified for ISO 10041 Environmental Management System
<b>Safety</b>	MSDS(Material Safety Data Sheet) available upon request

## Application

PLD ink shows good printing result on various inkjet media products such as Synthetic paper, Photo paper, PET based films. It is suitable for indoor advertisement and short term outdoor advertisement with lamination treatment. It is also widely used for trade show prints and photo printing.

## Physical Properties

Parameter	PLD		Unit	Measuring Instrument
	from	up to		
Surface tension	30.0	40.0	dyne/cm	Surface tensiometer 21 [Fisher scientific company]
Viscosity (dynamic)	3.0	4.0	cP	LVDV-II+ Pro [Brookfield Engineering Laboratory]
pH	8.0	10.0	—	Orion 3 Star [Thermo Electron Corporation]
Particle size	-	-	nm	Zeta Plus [Brookhaven instrument corporation]

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