

Product Data Sheet: HLP-Ink Series

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PROFILE

BASIC INFORMATION

Model HLP(BK,DC,DM,YE,LC,LM) : 1Liter, 20Liter-Bottle
680ml Cartridge

Description Water Based Pigment Ink

Application Head HP Designjet D5000 series Thermal Head

Compatible Printers HP Designjet 5000/ 5500PS

Product Description

InkTec produces high quality of pigment ink for various type of printers with specialized and accumulated ink dispers technology. HLP is water-based pigment ink and it gurantee high quality printing result with wide color gamut, smooth printing without any head trouble under the diverse printing environment (15℃,20% ~ 35℃, 70%). 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

HLP Inks are specially designed for Hp Designjet D5000 series and the main applications are photo printing and indoor banner printing for advertisement.

Physical Properties

Parameter	HLP series	Unit	Measuring Instrument
Surface tension	30.0 ~ 45.0	dyne/cm	Surface tensiomat 21 [Fisher scientific company]
Viscosity (dynamic)	2.0 ~ 3.7	cP	LVDV-II+ Pro [Brookfield Engineering Labortary]
pH	9.0 ~ 10.0	—	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℃ / the value after 30 seconds