

IMAGISPERSE AQUA

Water based Pigment Dispersions



PRODUCT DESCRIPTION

IMAGICO offers Nano Pigment Dispersions namely IMAGISPERSE AQUA.

IMAGISPERSE AQUA are ultra fine dispersions of high quality pigments in aqueous system for making aqueous inkjet inks that can be used in most piezo electrical printers for digital printing or direct fabric printing. IMAGISPERSE AQUA DISPERSIONS are suitable for formulating inkjet inks used for printing on paper, cartons & cardboards.

IMAGISPERSE AQUA have very fine particle size and a wide color gamut, with stable viscosity & filterability.

The features of IMAGISPERSE AQUA are excellent color vibrancy, image quality & ink yield, with excellent jetting properties for the formulated inks.

IMAGISPERSE AQUA have Newtonian properties to withstand high printhead pressures.

IMAGISPERSE AQUA are VOC free and do not contain any hazardous components.

With IMAGISPERSE AQUA, ink makers can easily produce inks simply by letdown additions under agitation.

PRODUCT INFORMATION

Colour	Black	Blue	Yellow	Magenta	White
Pigment Content	20%	20%	20%	20%	40%
Particle Size (nm) [d97]	<220	<220	<220	<220	<220
pH	8~9	8~9	8~9	8~9	8~9
Viscosity, 25°C,cps	<10	<10	<10	<10	<10
Uses	The IMAGISPERSE AQUA can be used to produce high quality pigmented inkjet inks for corrugated board, as well as for coding, marking & signage. Taylor made colours can be offered on request.				

Most micro piezoprinthead printers can be used including Epson ME+, ME30, C110, C120, Epson Stylus Photo 1400, 2200, R1900, Epson Workforce 40, 310, 500, 600, Epson Stylus PRO 4800, 7800, 9800, 7880, 9980; Ricoh GX700, 7700; Mimaki JV4, JV33; Roland FP-640, FP740, Mutoh Rj900 as well as other DX4, DX5, DX6 and DX7 printhead printers.

Guiding Recipe - formulations for using IMAGISPERSE AQUA Pigmented Dispersions can be provided on request.

