



## IMAGIFINE 4000PC

### PIGMENT DISPERSIONS

#### Product Description

Imagico India Pvt. Ltd., with its most modern Grinding technology & dedicated R&D team had been able to optimize and develop series of Water borne Pigment Dispersions for diverse Industrial applications. IMAGIFINE 4000PC Series of Surfactant Free Water borne Pigment Dispersions are specifically designed for Paper Coloration and ideal for following applications:

- Coating of Paper Board
- Coloration of Tissue Paper.
- Coloration of Paper pulp.
- For paper laminated sunmica

Unique features of IMAGIFINE 4000PC Series of Pigment Dispersions are as following:

- Surfactant free, no bleeding
- Higher color strength, higher transparency, Improved film gloss
- Particle size around 0.5 microns, narrow particle size distribution
- Lower viscosity of the dispersion
- Excellent stability at room temperature and show no sedimentation
- Good Compatibility with wide spectrum of Resins
- Good tolerance to IPA ( around 30% IPA )
- Good Heat and Chemical resistance
- Good AR & SR properties of the dispersion
- 100% Free from dyes, accordingly higher light fastness.
- We can offer dispersion with certification for " Free from trace metals"
- Complete spectrum of colors
- Custom development of Pigment Dispersion is possible

## Physical Properties

IMAGIFINE 4000PC PIGMENT DISPERSIONS	Pigment Index	Pigment Solids %	Chemical Type	Weathering [ 1 – 5 ]		Light fastness [ 1 – 8 ]	
Blue 4153PC	PB 15:3	35	Phthalocyanine	5	8	7	1.15
Blue 4150PC	PB 15:0	30	Phthalocyanine	4	7	6	1.17
Yellow 4074PC	PY 74	35	Monoazo	2	4	3	1.15
Green 4007PC	PG 7	35	Phthalocyanine	5	8	7	1.22
Red 4112PC	PR 112	38	Monoazo	3	6	4	1.17
RED 4008 PC	PR 8	30	Monoazo	3	5	3	1.13
Magenta 4571PC	PR 57 :1	20	Monoazo	2	5	3	1.1
Violet 4023PC	PV 23	25	Carbazole	4	7	5	1.11
Violet 4019PC	PV 19	25	Carbazole	4	7	5	1.1
Black 4660PC	Black 7	35	Carbon Black	5	8	8	1.2
Titanium White 4692PC	PW 6	70	Titanium Dioxide	5	8	8	2.05
YELLOW 4003 PC	PY 3	35	Monoazo	3	5	3	1.15
Yellow 83 PC	P Y 83	35	Diazo	4	6	5	1.15
Talc White 4026PC	P W 26	40	Magnesium Silicate	5	8	8	1.4
Calcite White 4018PC	PW 18	55	Calcium Carbonate	5	6	6	1.55
Black 4220PC	PB 7	35	Carbon Black	5	8	8	1.2

NB :: Customized Pigment Dispersions as per Customer needs can be offered

