



IMAGIFINE 4000 PIGMENT DISPERSIONS

Surfactant Free Pigment Dispersions for Water Borne
Printing Inks and Aqueous Coatings

Product Description

IMAGIFINE 4000 Pigment Dispersions are high color strength, free flowing, specifically formulated for use in water borne or aqueous printing inks and for tinting of aqueous coatings.

IMAGIFINE 4000 Pigment Dispersions are based on high quality pigments with respect to light fastness, having good temperature and chemical resistance.

IMAGIFINE 4000 Pigment Dispersions are standardized with respect to color strength on weight basis. Pigment loading may vary from colour to colour.

IMAGIFINE 4000 Pigment Dispersions offer the following unique features:

- High Color Strength
- Surfactant Free
- Lower Viscosity
- Good re-solubility on press
- Improved adhesion
- Improved rub resistance
- Bleed free
- Excellent compatibility with wide range of resins
- Good pH and storage stability
- Improved Film Gloss

IMAGIFINE 4000 Pigment Dispersions are ideal for following water borne applications:

- Flexographic Printing Inks for paper & non absorbent surfaces
- Gravure Printing Inks for paper & non absorbent surfaces
- Screen Printing Inks
- Paper Coatings

Physical Properties

IMAGIFINE 4000 PIGMENT DISPERSIONS	Pigment Index	Pigment Solids %	Specific Gravity	Weathering [1 – 5]	Light fastness [1 – 8]	
					Mass	Reduced
Blue 4150	PB 15:0	30	1.14	5	8	7
Blue 4153	PB 15:3	35	1.26	5	8	7
Green 4007	PG 7	35	1.20	5	8	7
Red 4008	PR 8	30	1.10	3	3	2
Red 4112	PR 112	38	1.21	3	5	3
Red 4210	PR 210	35	1.10	4	6	4
Black 4220	Black 7	30	1.17	5	8	8
Black 4660	Black 7	35	1.21	5	8	8
Orange 4005	PO 5	35	1.14	2	5	3
Orange 4013	PO 13	35	1.12	3	6	4
Calcite White 4018	PW 18	55	1.60	5	8	8
Titanium White 4692	PW 6	69	2.18	5	8	8
Violet 4027	PV 27	25	1.10	2	3	2
Violet 4023	PV 23	25	1.11	4	6	5
Yellow 4001	PY 1	35	1.10	2	4	3
Yellow 4003	PY 3	35	1.10	3	5	4
Yellow 4074	PY 74	35	1.14	3	5	4
Yellow 4083	PY 83	35	1.10	4	7	6

NB :: Customized Pigment Dispersions as per customer needs can be offered.

