



IMAGIFLEX AQUA PIGMENT DISPERSIONS

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

Product Information

IMAGIFLEX AQUA 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.

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

IMAGIFLEX AQUA Pigment Dispersions are standardized with respect to color strength on a weight basis. Pigment loading may vary from colour to colour.

IMAGIFLEX AQUA Pigment Dispersions offer the following unique features:

- High color strength
- Lower viscosity
- Improved adhesion
- Bleed free
- Good pH and storage stability
- Surfactant free
- Good re-solubility on the press
- Improved rub resistance
- Excellent compatibility with wide range of resins
- Improved Film Gloss

IMAGIFLEX AQUA Pigment Dispersions are ideal for below mentioned water borne inks:

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

Physical Properties

IMAGIFLEX AQUA PIGMENT DISPERSIONS	PIGMENT INDEX	Approx. Pigment %	Specific Gravity (gms/ml)	Weathering [1 – 5]	Light fastness [1 – 8]	
					Mass	Reduced
Black 4220	Black 7	35	1.15	5	8	8
Black 4660	Black 7	35	1.22	5	8	8
Blue 4150	PB 15:0	30	1.16	5	8	7
Blue 4153	PB 15:3	35	1.15	5	8	7
Green 4007	PG 7	35	1.21	5	8	7
Magenta 4122	PR 122	20	1.10	5	7	6
Orange 4005	PO 5	35	1.14	2	5	3
Orange 4013	PO 13	35	1.12	3	6	4
Orange 4034	PO 34	35	1.12	3	6	4
Red 4002	PR 2	38	1.16	2	3	2
Red 4008	PR 8	30	1.10	3	3	2
Red 4112	PR 112	38	1.21	3	5	3
Violet 4019	PV 19	25	1.10	4	6	5
Violet 4027	PV 27	25	1.10	2	3	2
Violet 4023	PV 23	25	1.11	4	6	5
Calcite White 4018	PW 18	55	1.60	4	7	7
Titanium White 4692	PW 6	69	2.18	5	8	8
Yellow 4012	PY 12	40	1.15	3	5	4
Yellow 4013	PY 13	25	1.10	3	5	4
Yellow 4014	PY 14	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
Yellow 4138	PY 138	25	1.10	5	7	7

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

