

# **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.

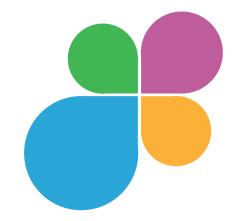
## **IMAGIFLEX AQUA Pigment Dispersions offer the following unique features:**

- 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

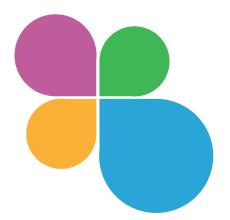




#### **Physical Properties**

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.





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