

## IMAGICO UVF MASTERBATCH

HIGHLY PIGMENTED UV DISPERSIONS FOR FLEXOGRAPHIC UV PRINTING INKS AND UV COATINGS

#### **Product Description**

As a part of our programme to provide Imagico Customers with easy to incorporate Pigmented Dispersions, Imagico India Pvt. Ltd. introduces a range of highly pigmented masterbatches for the UV / EB curable printing inks and coatings.

These masterbatches have been specifically formulated to ensure that they offer the ink maker / coating maker maximum formulation flexibility and ease of incorporation / processing. The specific selection of acrylate monomer DPGDA & TMP(EO)3TA allows for let down variations into flexo & screen ink formulations, so also to the coating formulations.

We also custom formulate the Masterbatches for the user on request basis, in case of specific user needs.

# Unique Features of IMAGICO UVF MASTERBATCH are as below:

- High pigmentation
- Stir in Incorporation
- Pourable fluid consistency / ease of handling
- High mileage & high gloss
- Good storage stability
- Dispersion level < 2 microns</li>
- Designed for use in Flexo, Screen UV / EB inks & in Coatings
- Wide compatibility with letdown ingredients

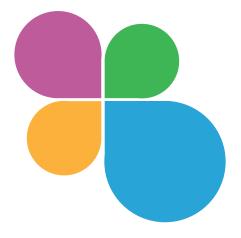


### **Physical Properties**

IMAGICO UVF MASTERBATCH	C. I. NO.	VISCOSITY [ KU ]	PIGMENT SOLIDS %
CYAN 15:4	PB 15:4	85 - 110	40
YELLOW 14	PY 14	55 - 95	30
MAGENTA 57:1	PR 57:1	90 - 115	35
BLACK 7250	PBLK 7	50 - 95	35
BLACK 7400	PBLK 7	90 - 125	35
PHTHALO BLUE	PB 15:3	80 - 110	25
PHTHALO GREEN	PG 7	80 - 110	25
MAGENTA 122	PR 122	70 - 115	20
TITANIUM WHITE 6900	PW 6	50 - 95	70
CALCITE WHITE 6018	PW 18	60 - 100	60
ORANGE 13	PO 13	65 - 100	25
VIOLET 23	PV 23	65 - 115	15
RED 53:1	PR 53:1	60 - 100	25
RED 48:1	PR 48:1	75 - 110	35
YELLOW 74	PY 74	80 - 105	30
YELLOW 83	PY 83	80 - 105	30
YELLOW 151	PY 151	65 - 105	20

Below masterbatches have been specifically formulated to ensure that they offer the ink maker / coating maker maximum formulation flexibility and ease of incorporation / processing. The specific selection of acrylate monomer TMP(EO)3TA allows formulating flexo and screen inks that show lower migration.

IMAGICO UVF MASTERBATCH	C. I. NO.	VISCOSITY [ KU ]	PIGMENT SOLIDS %
YLM CYAN 15:4	PB 15:4	85 - 110	40
LM YELLOW 14	PY 14	55 - 110	30
LM MAGENTA 57:1	PR 57:1	70 - 110	30
LM BLACK 7250	PBLK 7	70 - 105	35
LM BLACK 7400	PBLK 7	60 - 100	30





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