



## 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
- Designed for use in Flexo, Screen UV / EB inks & in Coatings
- Wide compatibility with letdown ingredients

## Physical Properties

| IMAGICO<br>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<br>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               |

