



IMAGIJET by IMAGICO...Industrial INKNOWLOGY for your Printing success

9370 MB UV Inkjet Ink Masterbatch

IMAGIJET 9370 MB UV Inkjet Masterbatch are exclusively formulated for matching the best curing performance, flexibility and stability in Inkjet formulations.

IMAGIJET 9370 MB UV Inkjet Masterbatch for drop on demand applications delivers a superior colour gamut range, vibrant colours and outstanding performance when high speed curing under LED light sources.

IMAGIJET 9370 MB UV Inkjet Masterbatch produce vibrant and powerfull colours increasing/adding value to the final Printing. Graphics are durable, weather resistant with excellent colour retention.

Features:

1. Reduces edge curling and embossing.*
2. Edge chipping reduction due to its extreme flexibility.*
3. Improved performance of pigment flow due to its innovative and unique dispersions.
4. Low print residual odour.*
5. Suitable for using in exterior printing, Imagico pigments selection warranty 3000 ink performance under the most aggressive conditions.
6. Suitable for corrugated board decoration in single pass process.*
7. **IMAGIJET 9370 MB UV Inkjet Masterbatch** is a family product that includes tailor made resins, oligomers and monomers selection to achieve maximum ink performance.

*Dependent of final ink recipe and monomer selection.

Ideal Applications:

1. Vehicle wrapping.*
2. Labelling.
3. Corrugated board.
4. Printing on plastics like PVC, ABS, PSS.
5. Suitable for printing on glass when using Imagico priming solutions.*
6. Construction and Building wraps.
7. Woven PE.
8. Static cling

*Dependent of final ink recipe and monomer selection.

Masterbatch available:

IMAGIJET 9370 MB UV Inkjet Masterbatch family is considering the following colours :

- **9370** *Black UV Inkjet*
- **9370/C** *Cyan UV Inkjet*
- **9370/M** *Magenta UV Inkjet*
- **9370/Y** *Yellow UV Inkjet*
- **9370/UVC** *Cleaner UV Inkjet*





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Application Notes:

IMAGIJET 9370 MB UV Inket Masterbatch are suitable for DOD Printing Machines and printheads since surface tension and PSD has been adapted to the most strict quality control and reliability duty cycles of the market. Operative temperature might depend on final ink recipe and application.

IMAGIJET 9370 MB UV Inket Masterbatch are produced matching an outstanding performance in the most strict conditions. Working parameters are:

- Particle size distribution is $d_{90} < 250$ nm in all colours
- Surface tension 32-36 mNewton/m² at Jetting temperature
- Viscosity [cps] is 30-50 cps

Suggested usage in recipe might depend on final ink requirements, Imagico advice is to consider a starting point of 30% for CMK and 40% for Y.

IMAGICO highly recommends to print on substrates whose surface energy level is at least 42 mNewton/cm². We do recommend to test any Printing material prior to any production.

Health and safety:

IMAGIJET 9370 MB UV Inket Masterbatch are N-Vinyl 2-pyrrolidone free. **IMAGIJET 9370 MB UV Inket Masterbatch** are 0 % VOC's and do not consider any ozone depleting agent.

According to our MSDS, **IMAGIJET 9370 MB UV Inket Masterbatch** do not consider any aromatic hydrocarbon as a component of our formulations. Imagico is a self committed company conforming to European standards of EuPIA.

Storage:

IMAGIJET 9370 MB UV Inket Masterbatch should not be stored in direct sunlight or near heat sources and should be kept away from peroxides. In the interest of maximum shelf-life storage temperatures should be between 50°F and 100°F. When stored in a cool environment the inks are expected to have a shelf-life of 12 months from date of manufacture. For further information please check MSDS.

For ordering & pricing on any of the listed products above contact:



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