

IMAGITINT MACHINE COLORANTS

Product Description

IMAGITINT Machine Colorants are Universal Type and are designed to have a broad compatibility with water based emulsion paints and solvent-based decorative alkyd enamel paints.

IMAGITINT Machine Colorants are specifically formulated for the use in volumetric dispensing machines and for volumetric in-plant tinting. IMAGITINT Machine Colorants are suited for accurate and easy dispensing via automated and manual dispensing machines.

IMAGITINT Machine Colorants are rigidly controlled for color strength, tone and disperse easily and completely in most decorative paint bases. However, compatibility should be re-ascertained after any change in paint base formulation.

IMAGITINT Machine Colorants remain in suspension with minimum agitation and do not skin. Canisters should be properly capped after every top up / addition.

Physical Properties

| IMAGITINT Machine Colorants | Pigment Index | Pigment Solids % | Specific Gravity | Light Fastness [1 – 8] | | Weathering [1 – 5] |
|--------------------------------|---------------|---------------------|------------------|-----------------------------|---------|-------------------------|
| | | | | Mass | Reduced | |
| White | PW 6 | 60 | 1.849 | 8 | 8 | 5 |
| Fast Blue | PB 15:3 | 34 | 1.254 | 8 | 8 | 5 |
| HT Blue | PB 15 :3 | 26 | 1.128 | 8 | 8 | 5 |
| Fast Green | PG 7 | 35 | 1.313 | 8 | 8 | 5 |
| HT Green | PG 7 | 30 | 1.199 | 8 | 8 | 5 |
| Fast Yellow Oxide | PY 42 | 56 | 1.709 | 8 | 8 | 5 |
| Fast Red Oxide | PR 101 | 53 | 1.789 | 8 | 8 | 5 |
| HT Red Oxide | PR 101 | 55 | 1.839 | 8 | 8 | 5 |
| Fast Yellow | PY 74 | 21 | 1.193 | 6 | 4 | 2 |
| HT Yellow | PY 109 | 31 | 1.200 | 8 | 7 | 4 |
| Interior Red | PR 112 | 37 | 1.355 | 6 | 4 | 2 |
| Exterior Red | PR 166 | 42 | 1.354 | 8 | 7 | 4 |
| Fast Black | PBLK 7 | 40 | 1.375 | 8 | 8 | 5 |
| HT Violet | PV 23 | 39 | 1.355 | 7 | 6 | 3 |
| Majenta | PR 122 | 21 | 1.102 | 7 | 6 | 4 |
| Fast Orange | PY 110 | 35 | 1.200 | 7 | 6 | 4 |

NB :: Customized Machine Colorants as per customer needs can be offered.



Compatibility

IMAGITINT Machine Colorants are compatible with Architectural water Based paints and Architectural solvent-based paints based on:

- PVA Emulsions
- Acrylic Emulsions
- Styrene Butadiene Emulsions
- PU Dispersions Styrene Acrylic Emulsions
- Flat, semi gloss and hi - gloss Alkyd Enamels
- Oil based decorative paints

Colorant Selection In Color Matching

In selecting colorant combinations for color matching, care should be taken to select those colorants, which match the performance requirement for the application. For example, when light fastness is required, then inorganic pigment combinations should be selected over organic pigments.

Composition

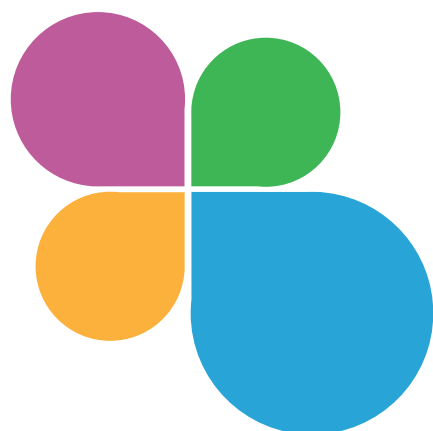
IMAGITINT Machine Colorants are a binder free system. They contain non-ionic and anionic dispersing agents in the lowest possible concentrations so as not to affect the performance characteristics of the coatings, such as film hardness, scrubability, weathering, etc. They contain glycol and water as volatiles.

Stability

IMAGITINT Machine Colorants remains in suspension with minimum agitation and do not skin. However it is recommended that colorants loaded in the dispensing machine should be stirred daily to ensure uniformity. IMAGITINT Machine Colorants have excellent freeze-thaw stability. They show no loss of performance in four freeze-thaw cycles. Partly used cans should be well capped after every withdrawal.

Health and Safety

IMAGITINT Machine Colorants being water based pose minimal health and safety concerns when used with appropriate care. The safety recommendations are presented in Material Safety Data Sheets (MSDS) for the products. Empty cans should be disposed in line with local prevailing regulations.



Imagico India Pvt Ltd

Warden House, Sir P. M. Road, Fort, Mumbai - 400 001, INDIA.
Tel : +91 22 43112700 / 22872295 Fax : +91 22 22873475
E-Mail: info@imagineacolor.com www.imagineacolor.com

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