



IMAGITINT AVF MACHINE COLORANTS

Product Description

IMAGITINT AVF Machine Colorants are Universal Type and are designed to have a broad compatibility with water based emulsion paints & solvent containing architectural alkyd enamel paints. These Colorants are VOC & APE free.

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

IMAGITINT AVF 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 AVF 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 AVF Machine Colorants	Pigment Index	Pigment Solids %	Specific Gravity	Light Fastness [1 – 8]		Weathering [1 – 5]
				Mass	Reduced	
HS White	PW 6	60	2.050	8	8	5
Fast Blue	PB 15:3	36	1.260	8	8	5
HS Blue	PB 15 :3	35	1.150	8	8	5
Fast Green	PG 7	38	1.320	8	8	5
HS Green	PG 7	32	1.200	8	8	5
Fast Yellow Oxide	PY 42	60	1.800	8	8	5
Fast Red Oxide	PR 101	60	2.000	8	8	5
Interior Yellow	PY 74	32	1.200	6	4	2
HP Yellow	PY 138	35	1.200	8	7	4
Interior Red	PR 112	42	1.350	6	4	2
HP Red	PR 166	44	1.350	8	7	4
Fast Black	PBLK 7	45	1.380	8	8	5
Fast Violet	PV 23	39	1.350	7	6	3
HS Violet	PV 23	41	1.380	7	6	3
Fast Magenta	PR 122	24	1.120	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 AVF 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

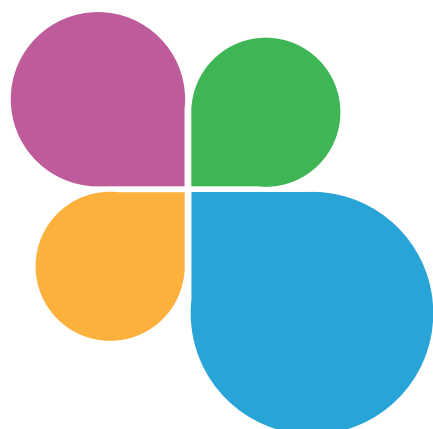
IMAGITINT AVF Machine Colorants are a binder free system. They contain non-ionic and anionic dispersing agents in the lowest possible concentrations so as not to affect the performance characteristics of the coatings, such as film hardness, scrub-resistance, weathering, etc.

Stability

IMAGITINT AVF 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 AVF 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 AVF 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.



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