



IMAGITROLL 050 INDUSTRIAL COLORANTS

Product Description

Imagitroll 050 Industrial Colorants are high strength; pourable pigment dispersions specifically formulated for in-plant tinting and for use on dispensing machines - Automatic and Manual. These colorants are meant for tinting of Industrial Paints like, PU, Epoxy, Thermosetting Acrylics, Stoving Enamels, Stoving Lacquers, etc.

Imagitroll 050 Industrial Colorants are cost economic alternatives to specific industrial pigment pastes containing industrial resins. Imagitroll Industrial Colorants are based on high quality pigments to provide light fastness, chemical resistance, and specific industrial performance.

Imagitroll 050 Industrial Colorants use minimal of additives to ensure that these dispersions interfere as little as possible with the chemistry & film properties of customer products.

Imagitroll 050 Industrial Colorants are standardized with respect to color strength on a weight basis. Pigment loading varies from colorant to colorant. These colorants do not skin, have good anti-settling performance & very low odor. These colorants are safe to handle & have flash point above 65 deg. C. Predominant Solvent is having CAS No. 108 – 65 – 6.

Physical Properties

PIGMENT CAS No.	IMAGITROLL 050	Pigment Index	Pigment Solids %	Specific Gravity	VOC Gms. / Ltr.
13463 – 67 - 7	Titanium White 6	PW 6	70	2.150	510
147 – 14 - 8	Phthalo Blue Beta	PB 15:3	25	1.050	600
1328 – 53 - 6	Phthalo Green	PG 7	25	1.100	600
1344 – 37 - 2	Middle Chrome	PY 34	65	2.100	510
1344 – 37 - 2	Lemon Chrome	PY 34	65	2.100	510
1344 – 37 - 2	Primrose Chrome	PY 34	65	2.200	510
12656 – 85 - 8	Scarlet Chrome	PR 104	65	2.250	510
1309 – 37 - 1	Red Oxide - 101	PR 101	65	2.100	530
20344 – 49 - 4	Yellow Oxide	PY 42	55	1.765	505
1227 – 89 - 3	Black Oxide	PBlk 11	60	1.950	440
6358 – 30 - 1	Violet 23	PV 23	15	1.040	705
1333 – 86 - 4	Tinting Black 7330	PBlk 7	25	1.130	605
3520 72 - 7	Orange 13	PO 13	25	1.10	575
5280 – 66 - 0	Perma Red	PR 48:1	35	1.150	525
1047 – 16 - 1	Red 112	PR 112	25	1.130	615

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

Compatibility

Imagitroll 050 Industrial Colorants are compatible with most solvent containing industrial resin system based Industrial Paints & solvent based inks :

- PU
- Stoving Enamels
- NC / Thermoplastics ~ limited extent
- Other solvent based coatings
- Thermosetting / Acrylics
- Epoxies [Solvent & Solvent Free]
- Stoving Clear Coats / Lacquers
- Solvent based inks

Compatibility can be enhanced in some cases by adjusting the dispersant / synergist type & its dose in base paints / inks.

Specification

Color Strength +/- 5 % of Standard
Color Variation Delta E 1.5 max

Typical Results

Color Strength +/- 3 % of Standard
Color Variation Delta E < 1.0

Imagitroll 050 Industrial Colorants have low volatility, but as a good practice, the cans should be well capped during storage & after each withdrawal.

