In-plant Colorants for Water-based Flexographic Ink Applications

Color Solutions

Chroma-Chem® 834

Chroma-chem 834 Colorants are high-strength, pourable color pastes recommended for use in flexographic ink applications. All colorants have a 6 minimum fineness of grind Hegman Gauge (<20µm) which makes the product range ideal for water-based ink applications.

The products are cost-effective colorants disperse in a water soluble acrylic resin containing a wide range of CI pigment commonly used in flexographic ink applications. Strength controlled to ± 5% vs. standard.

The resinated dispersion medium provides rapid drying and excellent block and water resistance which is necessary for ink applications.

Other Applications

Chroma-chem 834 products can be used in many types of emulsion products that require coloring such as: synthetic resin emulsion paints, aqueous wood stains, aqueous transparent wood finishes and synthetic latices.

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Compatibility

Chroma-chem 834 colorants are compatible with all types of latices such as:

- Stryene Butadiene
- Semi-Gloss and Gloss Latices
- Polyvinyl Acetate
- Alkyd Resin Emulsions
- Acrylics
- Vinyl Acetate – Ethylene Copolymers
- Alkyd Modified Latices

Masstone	Tint	Product Code	Description	CI Pigment Reference	Specific Gravity	Pigment Solids	Vehicle Solids	Lightfastness [Approx]	
								1:1	1 :25
		8340013	White AD	White 6	2.07	66.0	6.6	8	8
		8340307	Magenta AD	Red 81 :3	1.26	20.0	11.7	4	3
		8340404	Deep Red AD	Red 49:1	1.19	32.8	10.3	2	2
		8340406	Rubine AD	Red 57:1	1.24	35.0	10.5	3	2
		8340805	Light Red AD	Red 53:1	1.20	30.0	10.0	3	2
		8340903	Orange AD	Orange 5	1.26	38.0	12.6	6	4
		8342601	Yellow 12AD	Yellow 12	1.16	33.2	10.4	3	2
		8345511	Green AD	Green 7	1.29	38.9	9.9	8	8
		8347210	Process Blue AD	Blue 15:3	1.17	34.8	10.6	8	8
		8347214	Blue AD	Blue 15	1.18	35.7	10.0	8	8
		8349408	Violet AD	Violet 3	1.32	29.8	7.4	5	3
		8349912	Black AD	Black 7	1.17	30.2	9.0	8	8

All data obtained directly from pigment suppliers, individual testing is recommended.
Lightfastness is measured against the blue wool standard on a scale of 1 to 8 where 1 = severe change and 8 = no change.