

HI-TINT™ DISPERSIONS

Premium Quality Color Dispersions For Solvent Based Coatings

HI-TINT Color Dispersions are recommended for in-plant tinting of solvent based industrial and trade sales coatings. These high strength dispersions incorporate high quality pigments dispersed in a unique alkyd vehicle. Each HI-TINT Dispersion is formulated at the highest practical pigment concentration to yield excellent tinctorial strength. Therefore, the paint manufacturer needs to add minimum amounts of dispersion to achieve in-plant batch color. Each colorant has been formulated for maximum pigment color value while maintaining a wide range of compatibility and good dispersion characteristics such as non-settling, pourability, flocculation resistance and good shelf life stability.

The color selection in the HI-TINT line was carefully planned to enable the user to produce a broad line of colors, minimizing inventory requirements. Using HI-TINT Dispersions for in-plant tinting can save the coating manufacturer processing time and money by increasing paint output.

HI-TINT products are closely controlled during manufacture and each production batch is checked against our established standards. This means consistency in viscosity and color strength for reliable in-plant tinting results.

Tinting Strength:	+/- 5% on a weight basis
Hegman Grind:	6+ minimum

Compatibility

HI-TINT Dispersions offer the advantage of broad compatibility in a wide range of solvent borne coatings such as: Alkyds, Modified Alkyds, Epoxies, Epoxy Esters, Polyesters, Polyurethanes, Oil Modified Urethanes, Vinyls, and other solvent based coating systems.

HI-TINT Dispersions have been used in some unique applications where color is required. These applications include adhesive products and high temperature proprietary coatings. Products should be tested by a qualified technician in the specific application prior to full scale use.

Quality Assurance

DayGlo takes great care in the selection and screening of raw materials. All pigments, vehicles and other ingredients used in the manufacture of our dispersions meet stringent performance specifications.

There are limitations on lightfastness and weathering properties inherent in certain pigments. These weatherability factors cannot be accurately predicted. The final properties of the finished coatings in which our HI-TINT Dispersions are used are dependent on our customers' vehicle system. We recommend that the lightfastness and weathering properties be tested under customers' performance standards.

Shelf Life Stability

HI-TINT Dispersions have a balanced chemistry for the best shelf life. Most of our dispersions contain additives to give non-settling properties. Dispersions of some heavier pigments may striate with prolonged standing, however, they will disperse readily, even after months of storage.

Custom Colors

When specialized applications require specific pigments or color requirements, DayGlo welcomes your inquiry. Custom colors based on HI-TINT know-how is supported through our technical and manufacturing groups. Our custom products are produced and controlled to the quality standards you specify.

Handling

HI-TINT products contain solvents that have a flash point of 102°F or greater PMCC. These products are combustible and should be stored away from heat and open flames. Good industry hygiene practices should be observed, and users should avoid prolonged contact with skin and breathing of vapors. HI-TINT products should be used with good ventilation.

Packaging

HI-TINT Dispersions are available in 5-gallon pails as a standard package size; 55-gallon drums are available as well. Special bulk handling tote bins furnished by the customer can also be used.

Typical Physical Properties

Code	Description	C.I. Number	Lbs./ Gal.	% Pigment	% Volatile	% Vehicle	*Coating V.O.C. grams/liter	Lightfastness	
								Mass	Tint
HT-359	DNA Orange	PO 5	9.1	43.7	30.8	25.5	410	G	F
HT-4315-2	Toluidine Red	PR 3	8.7	30.0	32.0	38.0	312	G	F
HT-4754	Naphthol Red	PR 170	8.3	34.0	36.8	29.2	368	E	E
HT-4760	Carbazole Violet	PV 23	7.75	23.0	52.8	24.2	505	VG	G
HT-4787	Red Oxide Light	PR 101	15.2	63.0	18.9	18.1	348	E	E
HT-4788	Carbon Black	PBK 7	8.9	30.0	24.3	45.7	262	E	E
HT-4789	Phthalo Blue RS	PBL 15:2	8.3	22.0	28.1	49.9	286	E	E
HT-4790	Phthalo Green	PG 7	9.0	35.0	33.7	31.3	382	E	E
HT-4791	Permanent Yellow	PY 97	8.4	33.0	31.5	35.5	320	E	E
HT-4792	Quinacridone Violet	PV 19	8.2	21.0	23.1	55.9	235	E	E
HT-4793	Quinacridone Red	PV 19	8.1	17.0	28.7	54.3	286	E	E
HT-4794	White	PW 6	16.2	65.0	10.2	24.8	189	E	E
HT-4796	Organic Yellow	PY 74	7.8	20.0	48.8	31.2	465	G	G
HT-4827	Scarlet Red	PR 188	8.3	34.0	35.5	30.5	362	E	E
HT-4847	Yellow Oxide	PY 42	13.8	56.5	22.6	20.9	358	E	E
HT-4925	Permanent Orange	PO 13	8.3	34.0	38.6	27.4	390	E	E
HT-5233	Trans Yellow Oxide	PY 42	8.9	22.0	26.5	51.5	289	E	E
HT-5234	Trans Red Oxide	PR 101	9.0	19.8	30.8	49.4	343	E	E
HT-5256	Jet Black	PBK 7	8.4	23.0	35.1	41.9	357	E	E
HT-633	Phthalo Blue GS	PBL 15:4	8.3	29.9	41.7	28.4	423	E	E

*Material and Coating V.O.C. have identical values.

E Excellent
 VG Very Good
 G Good
 F Fair
 P Poor