

Technical Data Sheet

HT (HIGH-TINT) Dispersions

General description

HT (High-Tint) Color dispersions are recommended for in-plant tinting of solvent-based industrial coatings. These high strength dispersions incorporate high quality pigments dispersed in a unique alkyd vehicle.

Each HT dispersion is formulated at the highest practical pigment concentration to achieve excellent tinctorial strength and rich in-plant batch color. They also deliver maximum pigment color value while maintaining a wide range of compatibility and dispersion characteristics, such as non-settling, pourability, flocculation resistance and shelf-life stability.

Applications

- Aerosol
- Adhesives
- In-plant tinting of solvent-based coatings
- High-temperature coatings

Product Features

- User can produce a broad line of colors
- Minimize inventory requirements
- Consistent viscosity and color strength
- Reliable in-plant tinting results
- Saves processing time by increasing output

Available Colors

Product Code	Color
HT-359	DNA Orange
HT-4315-2	Toluidine Red
HT-4754	Naphthol Red
HT-4760	Carbazole Violet
HT-4787	Red Oxide Light
HT-4788	Carbon Black
HT-4789	Phthalo Blue RS
HT-4790	Phthalo Green
HT-4791	Permanent Yellow
HT-4792	Quinacridone Violet
HT-4793	Quinacridone Red
HT-4794	White
HT-4796	Organic Yellow
HT-4827	Scarlet Red
HT-4847	Yellow Oxide
HT-4925	Permanent Orange
HT-5233	Trans Yellow Oxide
HT-5234	Trans Red Oxide
HT-5256	Jet Black
HT-633	Phthalo Blue GS

Packaging:

5 Gallon Pails
55 Gallon Drums

Storage & shelf life:

24 months when kept in closed original packaging in a dry place at ambient temperature.

Safety & regulatory:

Safety Data Sheet available on request.

Physical properties	
Delivery form	Aqueous dispersion
Hegman grind	6.0 minimum
Tinting strength	+/- 5% On a Weight Basis

Code	Pigment CI Name	Lbs/ Gal	% Pigment	% Vehicle	% Volatile	Lightfastness Mass	Tint	*Coating VOC g/lt
HT-359	DNA Orange	9.1	43.7	25.5	30.8	G	F	410
HT-4315-2	Toluidine Red	8.7	30.0	38.0	32.0	G	F	312
HT-4754	Naphthol Red	8.3	34.0	29.2	36.8	E	E	368
HT-4760	Carbazole Violet	7.75	23.0	24.2	52.8	VG	G	505
HT-4787	Red Oxide Light	15.2	63.0	18.1	18.9	E	E	348
HT-4788	Carbon Black	8.9	30.0	45.7	24.3	E	E	262
HT-4789	Phthalo Blue RS	8.3	22.0	49.9	28.1	E	E	286
HT-4790	Phthalo Green	9.0	35.0	31.3	33.7	E	E	382
HT-4791	Permanent Yellow	8.4	33.0	35.5	31.5	E	E	320
HT-4792	Quinacridone Violet	8.2	21.0	55.9	23.1	E	E	235
HT-4793	Quinacridone Red	8.1	17.0	54.3	28.7	E	E	286
HT-4794	White	16.2	65.0	24.8	10.2	E	E	189
HT-4796	Organic Yellow	7.8	20.0	31.2	48.8	G	G	465
HT-4827	Scarlet Red	8.3	34.0	30.5	35.5	E	E	362
HT-4847	Yellow Oxide	13.8	56.5	20.9	22.6	E	E	358
HT-4925	Permanent Orange	8.3	34.0	27.4	38.6	E	E	390
HT-5233	Trans Yellow Oxide	8.9	22.0	51.5	26.5	E	E	289
HT-5234	Trans Red Oxide	9.0	19.8	49.4	30.8	E	E	343
HT-5256	Jet Black	8.4	23.0	41.9	35.1	E	E	357
HT-633	Phthalo Blue GS	8.3	29.9	28.4	41.7	E	E	423

Processing & Heat Stability	
Heat stability	Flash points in excess of 200°F (PMCC)
Compatibility	Recommended use in solvent-based paints and coatings, alkyds, modified alkyds, epoxies, epoxy esters, polyesters, polyurethanes, oil modified urethanes, vinyls.
Dispersions are soluble and are easily mixed-in.	

(1) Test methods and Certificate of Analysis (COA) available on request.

Disclaimer: Our technical advice, information, statements, whether given verbally, in writing, or in the form of test results, is offered for your guidance without warranty. No warranty for fitness for a particular purpose is made. This also applies where protective rights of third parties are involved. It does not release the user from obligation to test the suitability of the products and formulas for the intended process and applications. Our guarantee is limited to the consistent quality of our product.

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Lightfastness

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 is dependent on our customers' vehicle system. We recommend that the lightfastness and weathering properties be tested under customers' performance standards

Custom Colors

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