

# PanTINT® 18 Series

## Chip Dispersions for Waterborne Coatings and Inks



High strength 100% solid colorants with broad compatibility in a wide variety of conventional, low and zero VOC water based coatings and inks. Pigments used in PanTINT 18 Series have been selected to meet the durability and transparency requirements of most high performance applications.



### Typical Values

STANDARD PRODUCT DESCRIPTION			COMPOSITION % BY WEIGHT		COMPOSITION % BY VOLUME		DENSITY	
Code	Pigment	CI Name	Pigment	Vehicle	Pigment	Vehicle	lb/gal	Sp. Gr.
18B1252	Phthalo Blue RS	B 15:2	53.0	47.0	44.1	55.9	11.32	1.36
18B1203	Phthalo Blue GS	B 15:3	54.0	46.0	46.5	53.5	11.17	1.34
18G1701	Phthalo Green	G 7	54.0	46.0	39.1	60.9	12.73	1.53
18K1302	Masstone Black	Bk 7	52.5	47.5	41.0	59.0	11.85	1.42
18K1331	High Jet Black	Bk 7	31.0	69.0	22.2	77.8	10.83	1.30
18K1366	Tinting Black	Bk 7	52.5	47.5	41.0	59.0	11.85	1.42
18Q1964	Diarylide Orange	OR 34	53.0	47.0	47.6	52.4	10.61	1.27
18R1654	Lithol Rubine	R 57:1	59.0	41.0	49.6	50.4	11.70	1.40
18R1658	Red Oxide Medium Dark	R 101	56.7	43.3	24.9	75.1	16.64	1.99
18R1657	Transparent Red Oxide	R 101	56.7	43.3	27.7	72.3	15.99	1.92
18R1661	Napthol Red BS	R 170	53.0	47.0	48.4	51.6	10.42	1.25
18R1667	Napthol Red YS	R 170	56.7	43.3	27.1	72.9	10.65	1.28
18V1901	Carbazole Violet	V 23	54.0	46.0	47.1	52.9	10.99	1.32
18W1162	Titanium Dioxide	WH 6	57.7	43.3	27.1	72.9	16.13	1.93
18W1168	Titanium Dioxide-Chalk Resistant	WH 6	57.7	43.3	27.4	72.6	16.07	1.93
18Y1456	Yellow Oxide	Y 42	56.7	43.3	26.6	73.4	16.24	1.95
18Y1455	Transparent Yellow Oxide GS	Y 42	56.7	43.3	28.2	71.8	15.90	1.91
18Y1408	Isoindolinone Yellow	Y 110	53.0	47.0	48.5	51.5	10.48	1.26
18Y1435	Isoindolinone Yellow	Y 110	49.0	51.0	37.6	62.4	11.72	1.40
18Y1460	Hansa Yellow	Y 74	53.0	47.0	48.4	51.6	10.43	1.25
18Y1463	AAOT Yellow	Y 14	53.0	47.0	26.6	73.4	10.60	1.27

## Recommended Use

PanTINT 18 Colorants can be used for tinting and masstone applications in most waterborne ambient cured and baking finishes including:

- Appliance Finishes
- Industrial Maintenance Coatings
- Machinery and Implement Enamels
- Water Gravure Inks
- Wood Finishes
- Transportation Coatings
- Aerosol Paints
- Automotive Refinish Coatings
- Marine Coatings
- Aerospace Coatings
- Adhesive Tapes

## Compatibility

### Water Reducible

- Acrylic
- Alkyd
- Polyester
- Epoxy
- 2K Polyurethane

### Emulsion

- Acrylic
- Styrene Acrylic
- Polyvinyl Acrylic
- Polyvinyl Acetate
- Styrene Butadiene
- Polyurethane PUD

## Incorporation

PanTINT®18 powder pigment dispersions are based on a water soluble acrylic resin. They are incorporated into aqueous systems with a constant pH above 9.

Complete incorporation may take 30 - 60 minutes. Vigorous agitation and elevated temperatures will increase the speed of solution.