PanTINT® 94 Series

Aqueous Pigment Dispersions for High Performance Paints and Coatings

High strength, APE free colorants with compatibility in a wide variety of conventional, low and zero VOC* water based systems. Easy to use PanTINT 94 Colorants are based on a proprietary combination of surface active agents resulting in exceptional system compatibility. They have little or no effect on viscosity, gloss, cure time, resistance to water spotting or exterior durability. They will not support the growth of microorganisms.

Typical Values

STANDARD PRODUCT DESCRIPTION			COMPOSITION % BY WEIGHT			COMPOSITION % BY VOLUME			DENSITY		VOC less Water	
Code	Pigment	CI Name	Pigment	Vehicle	Volatiles	Pigment	Vehicle	Volatiles	lb/gal	Sp. Gr.	lb/gal	gr/l
94B1218	Phthalo Blue RS, NCNF	B 15:2	34.3	6.3	59.4	22.5	6.6	70.9	9.92	1.19	<0.05	<5
94B1251	Phthalo Blue RS	B 15:1	35.0	6.9	58.1	25.2	7.1	67.7	9.71	1.16	<0.05	<5
94B1293	Phthalo Blue GS	B 15:3	35.0	6.9	58.1	26.0	7.0	67.0	9.60	1.15	<0.05	<5
94G1735	Phthalo Green	GR 7	35.0	6.9	58.1	20.3	7.6	72.1	10.35	1.24	<0.05	<5
94K1390	Tinting Black	BK 7	35.0	7.7	57.3	23.2	8.1	68.7	9.98	1.20	<0.05	<5
94K1308	Masstone Black	BK 7	30.0	7.8	62.2	19.4	8.1	72.5	9.71	1.16	<0.05	<5
94K1304	High Jet Black	BK 7	12.5	7.9	79.4	7.4	7.5	85.1	8.90	1.07	<0.05	<5
94Q1906	Diarylide Orange	OR 34	40.0	6.9	53.1	32.0	7.1	60.9	9.56	1.15	<0.05	<5
94R1696	Red Oxide Light	R 101	60.0	8.7	31.3	23.5	15.1	61.4	16.32	1.96	<0.05	<5
94R1607	Red Oxide Medium	R 101	60.0	8.7	31.3	25.4	14.8	59.8	15.92	1.91	<0.05	<5
94R1665	Transparent Red Oxide	R 101	22.0	10.0	68.1	6.0	10.7	83.3	10.19	1.22	<0.05	<5
94R1612	Naphthol Red BS	R 170	32.0	6.8	61.2	28.2	6.5	65.3	8.90	1.07	<0.05	<5
94R1672	Naphthol Red YS	R 188	34.0	6.9	59.1	26.6	6.9	66.5	9.38	1.12	<0.05	<5
94V1871	Carbazole Violet	V 23	20.0	6.9	73.1	14.4	6.6	79.0	9.01	1.08	<0.05	<5
94V1880	Quinacridone Violet	V 19	30.0	6.9	63.1	22.1	6.9	71.0	9.37	1.12	<0.05	<5
94W1130	Titanium Dioxide	WH 6	65.0	8.3	26.7	32.2	14.7	53.1	16.52	1.98	<0.05	<5
94W1102	Titanium Dioxide-Chalk resistant	WH 6	68.0	8.4	23.6	35.5	15.4	49.1	17.22	2.06	<0.05	<5
94Y1404	Yellow Oxide	Y 42	59.4	8.6	32.0	26.7	14.2	59.1	15.39	1.84	<0.05	<5
94Y1474	Transparent Yellow Oxide	Y 42	35.0	14.9	50.1	14.3	17.8	67.9	11.27	1.35	<0.05	<5
94Y1498	Hansa Yellow	Y 74	35.0	6.7	58.3	28.7	6.5	64.8	9.25	1.11	<0.05	<5

*VOC values for PanTINT 94 Colorants have been determined to be <5 by calculation from supplier data. values in this range can not be determined accurately by epa test method 24.>

Recommended Use

PanTINT 94 Colorants can be used for both tinting and masstone applications in most aqueous ambient cured and baking finishes including:

- Architectural coatings
- Machinery and Implement enamels
- Wood Finishes
- Appliance finishes
- Aerosol paints
- Aerospace coatings
- Maintenance coatings
- Rubber latex
- Pressure sensitive adhesives

Compatibility

Water Reducible

- Acrylic
- Alkyd
- Polyester
- Two-Component Epoxy
- Two-Component Polyurethane

Emulsion

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

Care and Handling

PanTINT 94 Colorants do not contain any glycol or other co-solvent. Care should be used in handling and storing to prevent freezing and to insure part full containers are properly closed. PanTINT 94 Colorants are generally stable for up to 5 freeze/thaw cycles, but may fail after extended or repeated storage at subfreezing temperatures. If material becomes frozen, remove to warm area and allow to thaw gradually. Mix well to reconstitute. If material returns to a uniform state and does not show any signs of seeding or crystallization, it can be assumed to be fully recovered. A final check for color value and strength will confirm this.

Your guarantee of manufactured excellence.

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