

PanTINT[®] 12 Series

Chip Dispersions in Universal Acrylic for Non-Aqueous Applications

Solvent-free chip dispersions for use in solvent borne and radiation cured coatings and inks. PanTINT 12 Colorants are based on a unique modified thermoplastic acrylic resin with exceptionally broad compatibility. Pigments used in the PanTINT 12 Series have been selected to meet the durability and transparency requirements of most high performance applications.

Recommended Use

- Aerosol Paints
- Appliance Finishes
- Furniture Finishes
- Industrial Maintenance Coatings
- Automotive Refinish Coatings
- Lacquers
- Aerospace Coatings
- Digital Printing Inks
- Gravure Inks
- Machinery and Implement Enamels
- Marine Coatings
- Adhesive Tapes

Compatibility

- Acrylic
- Vinyl Acrylic
- Acrylate Monomer and Oligomer
- Short Oil Alkyd
- Vinyl Toluene Alkyd
- Silicone Alkyd
- Alkyd Urea
- Alkyd Melamine
- Cellulosic Lacquer
- Vinyl Lacquer
- CAB
- Cellulosic Lacquers
- Chlorinated Rubber
- Two Component Epoxy
- Epoxy Ester
- Polyester
- Single and Two Component Polyurethane

Typical Values

STANDARD PRODUCT DESCRIPTION			COMPOSITION % BY WEIGHT		COMPOSITION % BY VOLUME		DENSITY	
Code	Pigment	CI Name	Pigment	Vehicle	Pigment	Vehicle	lb/gal	Sp. Gr.
12B1245	Phthalo Blue RS, NCNF	B 15.2	42.0	58.0	32.9	67.1	10.62	1.27
12B1264	Phthalo Blue GS	B 15.3	42.0	58.0	33.8	66.2	10.48	1.26
12G1740	Phthalo Green YS	G 36	37.0	63.0	19.4	80.6	11.81	1.41
12K1313	Tinting Black	Bk 7	50.0	50.0	38.0	62.0	11.42	1.37
12K1367	Masstone Black	Bk 7	50.0	50.0	38.0	62.0	11.42	1.37
12K1366	High Jet Black	Bk 7	30.0	70.0	20.7	79.3	10.35	1.24
12Q1930	Diarylide Orange	O 34	40.0	60.0	35.7	64.3	9.89	1.19
12R1633	Naphthol Red BS	R 170	40.0	60.0	37.9	62.1	9.56	1.15
12R1642	Red Oxide Light	R 101	65.0	35.0	29.0	71.0	18.61	2.23
12R1659	Transparent Red Oxide	R 101	55.0	45.0	23.1	76.9	15.73	1.89
12R1665	Lithol Rubine	R 57.1	42.0	58.0	32.4	67.6	10.70	1.28
12V1839	Carbazole Violet	V 23	23.0	77.0	18.5	81.5	9.81	1.18
12W1134	Titanium Dioxide - Chalk Resistant	WH 6	65.0	35.0	34.1	66.2	17.28	2.07
12Y1462	Transparent Yellow Oxide	Y 42	55.0	45.0	26.2	73.8	15.10	1.81
12Y1431	Mono Azo Yellow GS	Y 97	40.0	60.0	34.5	65.5	10.06	1.21
12Y1438	Isoindoline Yellow	Y 139	30.0	70.0	22.7	77.3	10.22	1.22

Incorporation

PanTINT 12 Colorants can often be incorporated in solvent thinned coatings by simple stirring. The most effective solvents for rapid solution of the carrier resin are ketones, aromatics, esters and glycol ethers. Addition of 5% aromatic to aliphatic solvents can be enough to achieve complete solution. For optimum results, first begin mixing of the coating base and then add PanTINT 12 Colorant under continuous agitation. Vigorous agitation and elevated temperatures may reduce the time required for complete solution.

Technical information regarding the composition, properties or use of products described herein is believed to be reliable. However, no representation or warranty is made with respect thereto except as made by Pan Technology in writing at the time of sale. Tests should be carried by qualified personnel and performance should be verified to insure suitability prior to use. Technical information regarding the composition, properties or use of products described herein is believed to be reliable. However, no representation or warranty is made with respect thereto except as made by Pan Technology in writing at the time of sale. Tests should be carried by qualified personnel and performance should be verified to insure suitability prior to use.



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Printed on April 23, 2010



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