


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

## Compatibility

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



## 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	Napthol 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.



Your guarantee of manufactured excellence.