

GRANSERSE COLORANT TYPICAL DATA

Identification			COMPOSITION % BY WEIGHT			COMPOSITION % BY VOLUME			WEIGHT		VOC Less Water	
Code	Description	Color Index	Pigment	Vehicle	Volatile	Pigment	Vehicle	Volatile	LB / GAL	Specific Gravity	LB/Gal	g/L
170	Titanium White	WH 6	70.00	5.84	24.16	36.41	11.90	51.69	17.76	2.132	<0.5	<5
203	Red Oxide Medium	R 101	60.00	8.63	31.37	22.90	15.86	61.24	16.36	1.964	<0.5	<5
213	Toluidine Red	R 3	40.00	7.73	52.27	31.85	8.12	60.03	9.55	1.147	<0.5	<5
215	Trans Oxide Red	R 101	22.00	9.95	68.05	6.00	10.71	83.29	10.19	1.223	<0.5	<5
224	Quinacridone Red	R 122	38.00	6.41	55.59	28.84	6.91	64.25	9.64	1.158	<0.5	<5
253	DPP Red	R 254	55.00	3.51	41.49	43.79	4.48	51.73	10.48	1.258	<0.5	<5
270	Naphthol Red YS	R 170	34.00	6.79	59.21	25.10	7.84	67.06	9.53	1.145	<0.5	<5
274	Naphthol Red BS	R 170	40.00	7.73	52.27	31.40	8.17	60.43	9.61	1.154	<0.5	<5
300	Dinitroaniline Orange	OR 5	40.00	4.42	55.58	30.26	4.36	65.38	9.52	1.144	<0.5	<5
319	Benzimidazolone Orange	OR 36	40.00	4.42	55.58	29.32	8.00	62.68	9.98	1.188	<0.5	<5
408	Hansa Yellow	Y 74	48.00	6.25	45.75	39.48	6.86	53.66	9.79	1.176	<0.5	<5
442	Yellow Oxide	Y 42	60.00	8.37	31.63	31.46	10.53	58.01	15.46	1.855	<0.5	<5
445	Trans Oxide Yellow	Y 42	35.00	14.90	50.10	14.30	17.80	67.90	11.27	1.35	<0.5	<5
453	Benzimidazolone Yellow	Y 151	35.00	6.99	58.01	26.78	7.31	65.91	9.46	1.136	<0.5	<5
483	Diarylide Yellow	Y 83	33.25	8.47	58.28	23.69	8.29	68.02	8.97	1.077	<0.5	<5
507	Phthalo Green	GR 7	50.00	8.19	41.81	31.25	10.52	58.23	11.69	1.403	<0.5	<5
536	Phthalo Green	GR 36	44.00	7.74	48.26	24.28	7.70	68.02	11.48	1.378	<0.5	<5
617	Phthalo Blue	B 15:3	40.00	7.18	52.82	32.47	7.16	60.37	9.43	1.133	<0.5	<5
619	Phthalo Blue	B 15:0	40.00	7.18	52.82	32.47	7.16	60.37	9.43	1.133	<0.5	<5
719	Quinacridone Violet	V 19	35.00	5.54	59.46	26.93	3.18	69.89	9.42	1.131	<0.5	<5
723	Carbazole Violet	V 23	35.00	7.49	57.51	26.53	7.11	66.36	9.47	1.137	<0.5	<5
801	Brown Oxide	Blend	47.00	2.83	50.17	16.89	6.62	76.49	13.01	1.562	<0.5	<5
825	Raw Umber	BR 7	45.00	5.78	49.22	18.63	7.29	74.08	12.41	1.49	<0.5	<5
912	Tinting Black	BK 7	38.25	10.00	51.75	30.60	8.00	61.40	10.41	1.250	<0.5	<5

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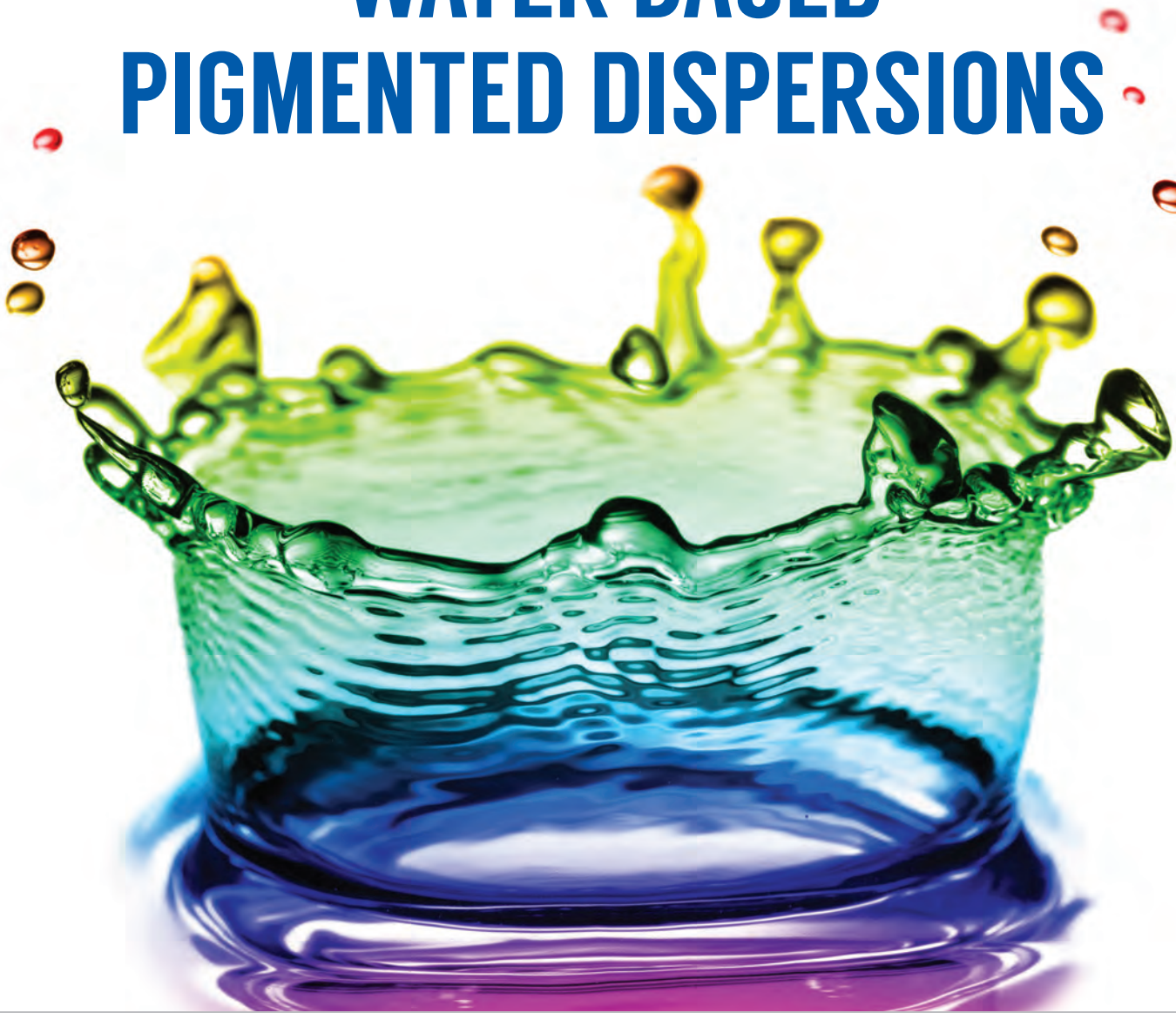
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Highly concentrated pigmented dispersions that are glycol free and non-resinated. The 1000 series provides formulators with an incredible amount of flexibility and reduces colorant loading levels to minimize impact on film properties
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- ✓ POLYESTER
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