





















① Product Name & C.I.Name	Color		General Property			Chemical Resistance		Fastness			Solvent Resistance					Application									
	Full Shade	Tinting Shade	Specific Gravity	Oil Absorption	Hazard	Alkali	Acid	Light	Heat	Migration	Water	Toluene	Ethanol	Ethyl Acetate	MEK	Polyolefin	PVC	EVA	Rubber	PS	Ink			Textile	Paint
																					Offset	Solvent	Flexo Water Based		
Lake Red C 1035 PR:53:1			1.4	33.90	Ba	2	5	4	240	4	5	3	3	4	4	●	●	○	○	-	●	●	○	-	-
Permanent Red 1200 PR:48:1			1.3	47.66	Ba	3-4	3	5	200	4-5	3-4	2	4-5	4-5	2-3	●	○	●	○	-	○	●	○	-	-
Naphthol Red 1120 PR:22			1.3	59.58	Y	3	4-5	6-7	-	3	2-3	3	4	3-4	3	-	-	-	-	-	-	-	●	●	-
Naphthol Red 1140 PR:112			1.3	40.39	N	3	5	7-8	180	4	3	2	4-5	2-3	4	●	-	●	○	-	●	○	●	●	●
Scarlet TY 1040 PR:48:3			1.5	41.70	N	4	4	6	200	4	5	5	4	5	5	●	●	●	○	○	●	○	○	○	○
DPP Red 1230-3 PR:254			1.4	37.90	N	4-5	4-5	7-8	280	5	4-5	5	5	3	4-5	●	●	●	●	●	-	●	○	-	●
DPP Red 1255 PR:255			1.34	40.60	N	4-5	4-5	7-8	280	4	4-5	3	4	3-4	4	●	●	●	●	●	-	●	-	-	●
Lithol Red 1491 PR:49:1			1.2	43.10	Ba	3	5	5	-	3	5	2	3	2	2	-	-	-	-	-	○	-	●	-	-
Lithol Red 1492 PR:49:2			1.3	48.85	N	5	3-4	6	-	3	3-4	2	3-4	4	4	-	-	-	-	-	○	-	●	-	-
Naphthol Red 116 PR:170			1.1	40.93	N	4-5	4-5	6	160	3	2	4-5	3-4	4	3-4	○	○	○	○	-	○	○	●	●	●

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	Full Shade	Tinting Shade	Specific Gravity	Oil Absorption	Hazard	Alkali	Acid	Light	Heat	Migration	Water	Toluene	Ethanol	Ethyl Acetate	MEK	Polyolefin	PVC	EVA	Rubber	PS	Ink			Textile	Paint
																					Offset	Solvent	Flexo Water Based		
Naphthol Red 1162 PR:170			1.2	42.80	N	5	3-4	7	240	4	3-4	4	3-4	3-4	4	●	○	○	○	●	○	●	●	●	●
Naphthol Red 192 PR:146			1.4	44.90	N	5	4	5	200	2	5	4	4	3	4	-	-	-	-	-	●	-	●	●	○
Permanent Red 1310 PR:48:2			1.6	50.60	N	3-4	2-3	6-7	180	4-5	2-3	1-2	4-5	3-4	4	○	○	●	○	-	●	○	○	-	○
Scarlet TB 190-2 PR:48:3			1.6	50.80	N	3	2-3	6	200	3-4	2	2	4	3	3-4	●	●	●	○	-	●	●	-	-	○
Fast Red 1400 PR:48:4			1.7	51.64	N	2-3	1-2	6-7	220	5	2	1	4	2	4	○	-	-	-	-	○	●	-	-	●
Benzimidazolone Red 1760 PR:176			1.4	45.50	N	5	5	8	260	5	5	4-5	5	4-5	4	●	●	●	●	●	-	-	●	-	●
Quinacridone Red 1378-1 PV:19			1.4	55.60	N	4	5	7	280	5	5	5	5	3	5	●	●	●	●	●	○	●	●	○	●
Naphthol Red 1130 PR:23			1.4	55.34	N	3-4	4-5	3-4	-	3-4	3	2-3	3-4	3	2	-	-	-	-	-	-	-	●	●	-
Benzimidazolone Red 1820 PR:208			1.5	51.30	N	5	3-4	7-8	240	5	5	4-5	5	4	4-5	●	●	●	●	-	○	●	●	-	●
Benzimidazolone Red 1810 PR:185			1.7	48.00	N	3	5	5	240	5	3	2-3	3-4	3	3-4	●	●	●	●	●	-	○	○	-	●























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	Full Shade	Tinting Shade	Specific Gravity	Oil Absorption	Hazard	Alkali	Acid	Light	Heat	Migration	Water	Toluene	Ethanol	Ethyl Acetate	MEK	Polyolefin	PVC	EVA	Rubber	PS	Ink			Textile	Paint
																					Offset	Solvent	Flexo Water Based		
Rubine 6BP 1510 PR:57:1			1.5	44.85	N	2-3	2-3	6	200	4-5	4-5	2-3	4	4-5	4-5	●	●	-	○	-	○	○	-	-	-
Rubine 6BS 1520 PR:57:1			1.2	51.30	N	2-3	2-3	6	-	5	3-4	1-2	3	2	4	●	●	-	-	-	○	●	-	-	●
Rubine 6BO 1540 PR:57:1			1.3	53.20	N	3-4	3	4-5	-	4-5	5	1-2	4	4	5	●	●	-	○	-	●	○	-	-	-
Rubine 6BW 1078 PR:57:1			1.5	46.50	N	2	2	5	-	4	5	5	5	3	4	●	●	-	-	-	○	●	●	-	●
Quinacridone Pink 1372-1 PR:122			1.6	43.60	N	5	5	8	280	5	5	5	5	5	5	●	●	●	●	●	○	●	●	●	●
Benzimidazolone Red 1630 PR:175			1.34	60.30	N	3	3-4	6-7	220	5	3-4	3	4	3-4	3-4	●	●	●	●	-	-	●	-	●	●
PY Orange 2500 PO:13			1.2	46.68	N	3-4	5	5	200	2-3	5	2-3	3-4	2-3	3-4	●	-	●	●	-	●	●	●	●	○
PY Orange 234 PO:34			1.4	36.50	N	5	5	6	200	3	5	3	4	5	5	●	-	●	○	-	○	●	○	○	○
Benzimidazolone Orange 2600 PO:36			1.3	51.91	N	2	2	6-7	180	5	2	3	1	2	2	●	○	○	●	○	-	-	-	-	○
Diarylide Orange 2100 PO:16			1.3	46.97	N	5	5	5	180	2-3	4	3	4-5	3	3-4	●	-	●	●	-	○	●	●	●	-

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	Full Shade	Tinting Shade	Specific Gravity	Oil Absorption	Hazard	Alkali	Acid	Light	Heat	Migration	Water	Toluene	Ethanol	Ethyl Acetate	MEK	Polyolefin	PVC	EVA	Rubber	PS	Ink			Textile	Paint
																					Offset	Solvent	Flexo Water Based		
Diarylide Yellow 3090 PY:31			1.6	21.50	N	4	5	6-7	180	4-5	4-5	5	5	4-5	5	●	●	●	●	-	○	●	●	●	○
Hansa Yellow 3120 PY:3			1.2	42.16	N	5	5	7	160	3	2-3	2	2	5	5	-	-	-	-	-	-	-	●	○	●
Benzimidazolone Yellow 3607-1 PY:151			1.3	39.70	N	2	4	8	260	3-4	4	4	4	4	4	●	○	-	-	●	-	●	-	-	●
Quinophthalone Yellow 3138 PY:138			1.5	60.00	N	4-5	4	7-8	280	5	3-4	3	4	3-4	4	●	●	●	●	●	-	●	-	-	●
Hansa Yellow 3110 PY:1			1.4	32.84	N	4	3-4	6-7	160	3	3	2-3	2-3	5	5	-	-	-	-	-	-	-	●	○	●
Hansa Yellow 328 PY:74			1.2	44.80	Y	4	5	7	-	2	4	3	3	3	3	-	-	-	-	-	-	-	●	●	●
Diarylide Yellow 3400 PY:14			1.4	34.60	Y	5	4	5	180	3	4	4	5	5	5	●	-	●	○	-	○	○	●	●	-
Diarylide Yellow 3410HT PY:14			1.8	59.70	Y	2-3	2-3	7	180	3	4	3-4	4-5	3-4	3-4	○	-	○	○	-	●	●	●	●	-
Diarylide Yellow 3200 PY:12			1.5	47.70	N	5	3	4	160	2	3	3	3	3	3	○	-	○	○	-	●	-	○	-	-
Diarylide Yellow 3200HT PY:12			1.5	48.00	N	3	5	7	160	3	3	3	4	3-4	3-4	○	-	○	○	-	●	○	○	-	-



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	Full Shade	Tinting Shade	Specific Gravity	Oil Absorption	Hazard	Alkali	Acid	Light	Heat	Migration	Water	Toluene	Ethanol	Ethyl Acetate	MEK	Polyolefin	PVC	EVA	Rubber	PS	Ink			Textile	Paint
																					Offset	Solvent	Flexo Water Based		
AZO(Ca Lake)Yellow 310 PY:168			1.3	34.60	N	4-5	5	7-8	200	3	4-5	3-4	3-4	3-4	4	●	-	○	-	-	-	○	-	-	●
AZO(Ca Lake)Yellow 306 PY:62			1.4	40.00	N	5	4	7	200	3	5	5	4	5	5	●	-	○	-	-	-	○	-	-	●
Benzimidazolone Yellow 3100-1 PY:180			1.8	52.00	N	5	4	5	260	4-5	3	3	5	3	3	●	●	●	●	●	●	○	●	●	●
Diarylide Yellow 3700 PY:17			1.4	68.10	N	4	4-5	6	180	3-4	2-3	1	5	3	3-4	○	-	-	-	-	●	○	-	-	-
Diarylide Yellow 3300 PY:13			1.3	46.69	N	4	3-4	6	180	3-4	4	5	5	5	5	●	-	●	○	-	○	●	●	●	○
Diarylide Yellow 3310HT PY:13			1.2	58.58	N	3-4	3-4	6	180	3-4	3	5	3-4	4	4	●	-	○	○	-	●	●	●	●	-
Diarylide Yellow 3550 PY:55			1.3	47.09	N	3-4	4-5	5	180	3-4	3	2	2-3	3-4	5	○	-	○	○	-	○	○	○	○	-
Hansa Yellow 330 PY:65			1.3	47.80	N	5	4	6	-	3	4	5	4	3	3	-	-	-	-	-	-	-	●	●	●
Mono AZO Lake Yellow 3701-1 PY:191			1.37	47	N	2-3	4-5	6-7	300	3-4	5	4-5	4	4	4-5	●	●	●	●	●	-	●	-	-	●
Diarylide Yellow 3800 PY:83			1.5	47.30	N	5	4	7	200	5	4	3	4	4	4	●	●	●	●	-	○	●	●	●	○

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	Full Shade	Tinting Shade	Specific Gravity	Oil Absorption	Hazard	Alkali	Acid	Light	Heat	Migration	Water	Toluene	Ethanol	Ethyl Acetate	MEK	Polyolefin	PVC	EVA	Rubber	PS	Ink			Textile	Paint
																					Offset	Solvent	Flexo Water Based		
Mono AZO Lake Yellow 3183 PY:183			1.2	28.60	N	1	3-4	8	300	3-4	4-5	4	3	5	3	●	●	●	●	●	-	●	-	-	●
Isocindoline Pigment Yellow 3139 PY:139			1.5	28.10	N	5	4	7-8	240	5	3-4	4-5	4-5	5	2	●	●	●	●	●	-	●	-	-	●
Mono AZO Yellow 3150 PY:150			1.45	60.10	N	3	3	7-8	280	5	4	4	4	5	2	●	●	●	●	●	-	●	-	-	●
Phthalocyanine Green 4201F-3 PG:7			1.67	21.26	N	5	5	6-7	280	5	4-5	4	3	2	2	●	●	●	●	●	●	●	●	●	●
Phthalocyanine Blue 504A-1 PB:15			1.68	31.30	N	5	5	7-8	210	5	3	5	5	5	4	●	●	●	●	○	●	-	○	●	○
Phthalocyanine Blue 5012 PB:15:2			1.3	38	N	4	3-4	7-8	260	5	4-5	3	4-5	4	4	●	●	●	●	●	●	●	○	-	●
Phthalocyanine Blue 513A PB:15:3			1.49	50.20	N	5	5	7-8	260	4	5	5	5	4	4	●	●	●	●	●	●	●	○	○	○
Phthalocyanine Blue 5014 PB:15:4			1.4	50.50	N	5	5	8	260	5	5	5	5	5	5	●	●	●	●	●	●	●	●	●	●
Methyl Violet 703 PV:3			1.48	58.30	N	5	4	3	150	2	5	3	3	3	2	-	-	-	-	-	●	○	○	-	-
Dioxazine Violet 704F PV:23			1.2	47.10	N	5	5	8	180	3	5	5	5	5	5	●	○	●	●	○	●	●	●	●	●