

Apanacid									
Color Shade	Product Name	C.I.No (Acid)	Dyeing Depth o.w.f%	Fastness Properties (Change of Shade)					
				Light (xenou) 1:1 standard depth	Washing (40°C)	Hot Pressing 180°C	Perspiration	Rubbing (Dry)	Rubbing (Wet)
	Brill. Blue PI 100%	BI 104	1.0	1	4	4	4	4-5	4-5
	Navy Blue 5R 120%	BI 113	0.8	5-6	4-5	3	5	4	3-4
	Navy Blue GR 100%	BI 120	1.0	4	4-5	4-5	4-5	4-5	4
	Milling Blue GW 180%	BI 127:1	1.0	5	4-5	4	4-5	4-5	4
	Blue P-R 200%	BI 129	1.0	5-6	4-5	4-5	4-5	4-5	4-5
	Milling Blue BW 200%	BI 138	1.0	5	4-5	4-5	4-5	4-5	4-5
	Milling Blue 2RW 200%	BI 140	0.8	6	5	5	5	4-5	4-5
	Blue CD-FG 250%	BI 145	1,0	5-6	2-3	5	3-4	4-5	4-5
	Blue 3GL 200%	BI 171	0.8	6-7	4	4-5	4-5	4	4
	Blue HRL 200%	BI 182	1.0	5-6	3-4	4-5	3-4	4-5	4-5
	Blue 8G 100%	BI 185	1.5	2	4	4-5	4	4-5	4-5
	Brill. Sky Blue GLW 200%	BI 221	1.0	6	4-5	4-5	3-4	4-5	4-5
	Blue 2R 200%	BI 225	1.0	6	4-5	4-5	5	4-5	4-5
	Fast Blue G 200%	BI 230	1.0	4	4	4	4	4	4-5
	Blue AS 100%	BI 25	1.0	5-6	3	4	3-4	4	3
	Brill. Blue R 200%	BI 260	1.0	6	3-4	4-5	4-5	4-5	4-5
	Blue AFN 200%	BI 264	1.0	5	5	5	4	4-5	4-5
	Blue 4RL 200%	BI 277	1.0	4-5	4-5	4-5	4-5	4-5	4
	Blue GLF 200%	BI 281	1.0	5-6	4	4-5	4-5	4-5	4-5
	Blue BRLL 200%	BI 324	1.2	4	4-5	4-5	4-5	4-5	4
	Blue MF-8LN 200%	BI 350	1.5	4-5	5	4-5	5	4-5	4
	Blue A2G 160%	BI 40	1,0	4	4-5	4-5	4-5	4-5	4-5
	Blue AM 200%	BI 41	1.0	5-6	3	4-5	3-4	5	5
	Blue E-BL 200%	BI 45	1.0	5-6	2	4-5	2-3	4-5	4-5
	Brill. Sky Blue R 200%	BI 62	1.0	4-5	4-5	4-5	4	4-5	4
	Sky Blue A 100%	BI 7	1,0	1	4	4-5	4-5	4-5	3
	Brill. Blue RAW 150%	BI 80	1.0	5-6	4-5	4-5	4-5	4-5	4-5
	Brill. Blue 6B 350%	BI 83	1.0	3	4-5	4	4-5	4-5	3
	Brill. Blue FB 200%	BI 9	1.0	3	2	4	3	4	3
	Brill. Blue G 360%	BI 90	1.0	4-5	4-5	4-5	4-5	4-5	4-5
	Navy Blue R 100%	BI 92	1.0	5	4-5	4	3-4	4-5	4-5

	Ink Blue G 100%	Bl 93	1.0	–	–	–	–	–	–
	Black 10B 120%	BK 1	3.0	5-6	4-5	4-5	4-	4	2-3
	Nigrosine 100%	BK 2	4.0	5	4	4-5	4	3-4	2-3
	Black NT 180%	BK 210	4.0	3	2-3	4	4-5	4-5	4-5
	Black NB 175%	BK 234	2.5	–	–	–	–	–	–
	Black BR 150%	BK 24	3.0	6-7	4-5	4	4-5	4-5	3-4
	Black NB 200%	BK 26	3,0	6	4	4-5	4	4-5	4
	Fast Black M-B 100%	BK 29	3.0	4-5	3-4	4-5	4-5	–	–
	Brown RD 100%	Br 14	1.0	2	3-4	4-5	2-3	4	4
	Brown AFA 100%	Br 161	1.0	–	–	–	–	–	–
	Brown 163 100%	Br 163	1.0	4-5	3-4	4	4-5	4-5	3-4
	Brown NT 100%	Br 165	1.0	4	3-4	4	4-5	4-5	3-4
	Brown DR 100%	Br 191	1.0	–	–	–	–	–	–
	Fast Brown R 200%	Br 2	1.5	3-4	4-5	4	4-5	4-5	4
	Brown RT 100%	Br 214	1.0	–	–	–	–	–	–
	Brown SR 100%	Br 348	1.0	–	4-5	3-4	4-5	4-5	4
	Brown SG 100%	Br 349	1.0	–	–	–	–	–	–
	Brown R 200%	Br 4	1.0	2	3-4	4-5	2-3	4	4
	Brown 2R 100%	Br 75	1.0	4-5	3-4	4	4-5	4-5	4-5
	Brown MFR 100%	Br 97	1.0	–	–	–	–	–	–
	Brown 5GL 100%	Br 98	1.0	–	–	–	–	–	–
	Dark Green B 100%	G 20	1.0	3-4	3	4	4-5	4-5	4
	Green GS 160%	G 25	1.0	5-6	5	4-5	4-5	4-5	4-5
	Green GLW 120%	G 27	1.0	6	3-4	4	4-5	4-5	4-5
	Green 5GW 200%	G 28	1.2	6	4	3-4	4-5	5	4
	Black ATT 130%	Mix	4.0	6-7	4-5	4-5	4	4-5	3
	Orange 2G 100%	O 10	1.0	4-5	4-5	4-5	2	3-4	3-4
	Orange AGT 200%	O 116	1.0	4	4-5	4-5	4-5	4-5	4-5
	Orange 3G 200%	O 156	1.2	5	4	5	4	5	4-5
	Yellow 3R 110%	O 3	1.0	5-6	4-5	4-5	4	4	2-3
	Orange GS 150%	O 33	1.0	4-5	4-5	4	4-5	4	4-5
	Orange G 150%	O 56	1.0	3	4-5	4-5	4	5	4-5
	Yellow RXL 200%	O 67	1.0	6	4-5	4-5	4-5	4-5	4-5
	Orange II 100%	O 7	1.0	5-6	3-4	4	4-5	4-5	3-4

	Orange GSN 150%	O 95	1.0	5	4-5	5	4-5	4	4
	Red 2G 100%	R 1	1.0	4	4-5	4-5	3	4-5	4-5
	Scarlet F-3GL 130%	R 111	1.0	5	4-5	4-5	4-5	4	3-4
	Red RS 200%	R 114	1.0	3-4	4-5	4-5	4	4-5	4-5
	Red GW 150%	R 118	1.2	5-6	4-5	3	4-5	4-5	4
	Maroon V 150%	R 119	1.0	5-6	4-5	4-5	4	4-5	4-5
	Red GN 100%	R 122	1.2	5	4-5	3-4	4	4-5	4-5
	Red 3BN 150%	R 131	1.0	4-5	3	3-4	4-5	4-4	4-5
	Scarlet FP 100%	R 137	1.0	4-5	4-5	4-5	4	4-5	4-5
	Red BW 100%	R 138	1.0	3-4	4-5	5	5	4-5	3
	Red B 100%	R 14	0.8	4-5	4-5	3	4	4-5	4
	Red F2R 150%	R 151	1.0	2	4	4-5	4-5	4-5	4-5
	Red BB 100%	R 154	1.0	4-5	4-5	4-5	4-5	4-5	4-5
	Scarlet 3R 100%	R 18	1.0	3-4	4-5	4-5	3	3	4-5
	Pink BN 200%	R 186	1.5	5-6	5-6	4-5	4	4-5	4-5
	Brill. Red B 125%	R 249	1.0	4-5	4-5	4-5	4-5	4-5	4-5
	Floxine NK 200%	R 257	1.2	6	5	4-5	4-5	4-5	4-5
	Fast Red BL 200%	R 260	1.0	4-5	4	4-5	4-5	4-5	4-5
	Red E-BM 200%	R 266	1.0	6	5	5	5	4-5	4-5
	Brill. Red GW 100%	R 27	1.0	3	3	3-4	3-4	3-4	3-4
	Rubine 5BL 200%	R 299	0,5	3	4-5	4-5	4	4-5	4
	Red N-2RBL 200%	R 336	1.0	5-6	4-5	2-3	4-5	5	4-5
	Red F-2G 200%	R 337	1.2	5	4	4-5	5	4	3-4
	Fast Red 2B 200%	R 361	1.0	6	4-5	4-5	4-5	4-5	4-5
	Red BL 200%	R 37	1.0	5-6	3	2	4	5	3
	Scarlet FG 150%	R 374	1.0	3-4	4-5	4-5	4-5	4-5	4-5
	Red 2B 200%	R 42	1.0	6	2	5	3-4	4	4
	Red A-3G 200%	R 447	1.0	–	–	–	–	–	–
	Rhodamine B 400%	R 52	0.6	3	3-4	4	4	5	3
	Red 3GP 200%	R 57	1.0	6	4-5	3	4-5	4-5	3-4
	Fast Red B 200%	R 6	1.0	4	3	2-3	2-3	3-4	3-4
	Brill. Scarlet GP 100%	R 73	1.0	6	3	4-5	3	3-4	3-4
	Fast Red A 100%	R 88	1.0	3	3	5	2-3	5	3-4
	Scarlet R 200%	R 97	1.0	4	4	4	4-5	4-5	4-5

	Red W-RN 100%	Mix	1.2	3	4-5	3-4	4	4	3-4
	Red W-BL 100%	Mix	1.0	3	4-5	3-4	4-5	4-5	4-5
	Violet 5BN 180%	V 17	1.0	1	3-4	4	4-5	4-5	4-5
	Brill. Violet R 233%	V 43	1.0	5	1-2	3	3-4	3-4	3
	Violet FBL 180%	V 48	1.2	5-6	4-5	4-5	4-5	4-5	4-5
	Brill. Violet 10B 140%	V 54	1.0	4-5	4-5	4-5	4-5	4-5	4-5
	Yellow GN 150%	Y 117	1.0	4-5	4-5	4-5	4-5	4-5	4-5
	Yellow 2G 120%	Y 17	1.2	6	4-5	4-5	3	5	5
	Yellow 8GF 100%	Y 184		4-5	4-5	4-5	4-5	5	5
	Yellow A4R 200%	Y 199	1.0	6-7	4-5	4-5	4-5	4	4
	Yellow 3RL 250%	Y 219	0.8	6	3-4	5	4	4-5	4-5
	Tartrazine NS 200%	Y 23	1.0	4	4-5	4-5	4-5	4-5	4-5
	Golden Yellow G 100%	Y 36	1.0	5	4-5	4-5	4-5	4-5	4-5
	Milling Yellow N-SH 150%	Y 42	0.8	4-5	4	4-5	4-5	4-5	4-5
	Yellow NFG 200%	Y 49	1.0	6	4-5	4-5	4-5	5	4-5
	Yellow 3GP 140%	Y 61	1.0	5-6	4-5	4-5	4-5	5	4-5
	Yellow 4G 200%	Y 79	1.0	6	4	4	4	4	4-5
	Yellow GR 200%	Y 99	1.0	5	4-5	4-5	4-5	5	2-3