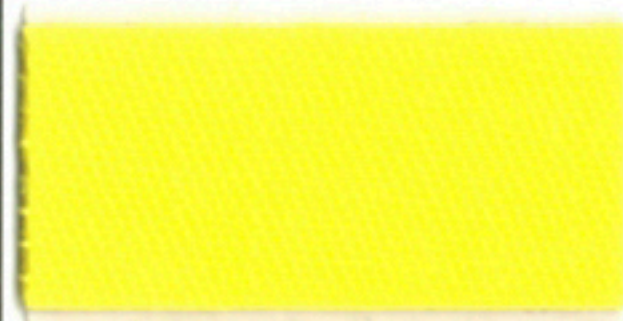

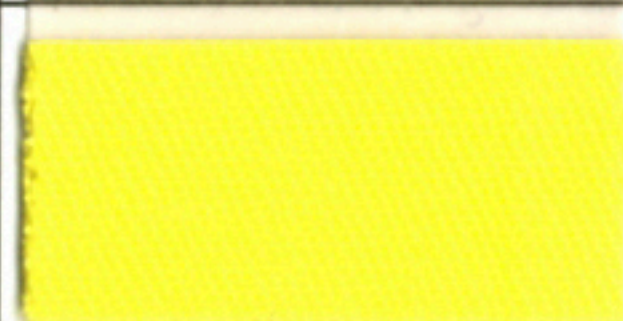
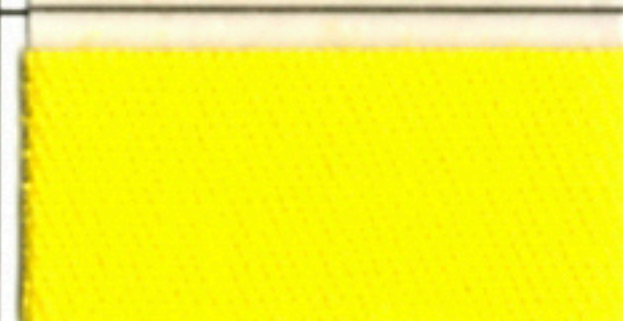
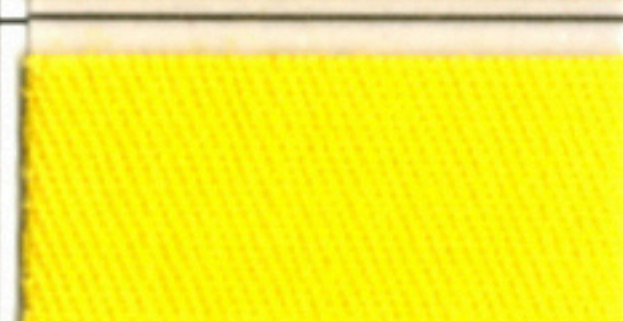
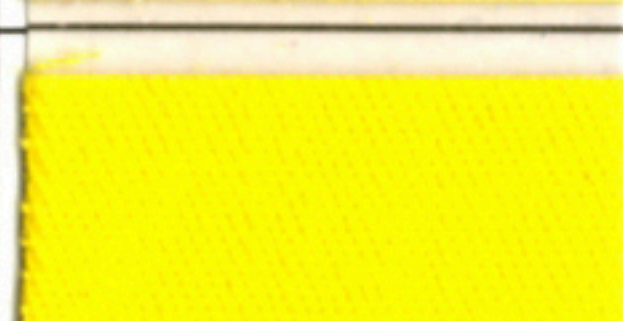

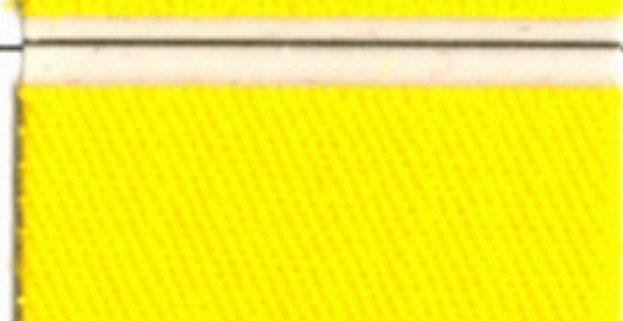






















































Names of Direct Dyes		Colour Sample	C.I.No.(Direct)	Dyeing depth (% o.w.f.)	Fastness Properties				
					Light(xenou)	Rubbing		Washing(40°C)	Perspiration
						Dry	Wet		
Yellow 5G 100%			Y 8	1.5	2	3-4	2-3	1-2	3-4
Yellow 7GFF 500%			Y 96	1.5	1-2	4-5	4	2-3	3-4
Fast Light Yellow 5GL 100%			Y 27	1.5	4	4-5	2-3	3	5
Fast Yellow GC 150%			Y 44	1.5	5	4	3-4	3	4
Yellow G 100%			Y 6	1.5	1-2	4-5	3	2-3	4-5
Fast Yellow PC 100%			Y 142	1.5	4-5	4	4	4	3-4
Fast Yellow 3GF 345%			Y 132	1.5	4-5	4	3	3-4	2-3
Fast Yellow G 330%			Y 107	1.5	7	4	3	2-3	-
Fast Yellow 2G 100%			Y 26	1.5	4	4-5	4	1	-
Chrysophenine GX 100%			Y 12	1.5	1-2	4-5	3	2-3	4
Fast Yellow 2R 200%			Y 28	1.5	6	4	3-4	3	4
Fast Yellow L-5R 100%			Y 83	1.5	4-5	3	2-3	3-4	3-4
Blend Yellow D-RL 100%			Y 86	1.5	5	4-5	3	3-4	3
Yellow GR 100%			Y 24	1.5	3-4	4	2-3	2	4
Blend Yellow D-3RNL 100%			Y 161	1.5	5-6	-	-	4	-

Names of Direct Dyes		Colour Sample	C.I.No.(Direct)	Dyeing depth (% o.w.f.)	Fastness Properties				
					Light(xenou)	Rubbing		Washing(40°C)	Perspiration
						Dry	Wet		
Yellow R 200%			Y 11	1.5	3	4	2-3	4-5	4-5
Fast Yellow RS 100%			Y 50	1.5	4-5	4	-	3	4-5
Yellow NBP 100%			Y 4	1.5	2-3	4	2-3	2	2-3
Blend Yellow D-3RLL 100%			Y 106	1.5	5	-	-	2	-
Fast Orange TGL 182%			O 34	1.5	5-6	3-4	3	3	4
Fast Orange GGL 200%			O 39	1.5	6-7	4-5	3-4	4	4
Orange S 150%			O 26	1.5	2	4-5	3	4-5	4-5
Fast Red 4B 100%			R 81	1.5	4	4-5	3	4	4
Fast Red F3B 150%			R 80	1.5	4	3	-	4	4-5
Fast Pink Bk 100%			R 75	1.5	5	4-5	3	3-4	4
Rubine D-BL 100%			R 83	1.5	5-6	3	2-3	4	3-4
Pink 12B 100%			R 31	1.5	2	4	2	3-4	4
Fast Red 4BL 170%			R 79	1.5	6	3-4	3	3	3-4
Red BNL 200%			R 89	1.5	5-6	5	2	2	3-4
Congo Red 100%			R 28	1.5	2	4	2-3	4-5	3

Names of Direct Dyes		Colour Sample	C.I.No.(Direct)	Dyeing depth (% o.w.f.)	Fastness Properties				
					Light(xenou)	Rubbing		Washing(40 °C)	Perspiration
						Dry	Wet		
Fast Scarlet 4BS 150%			R 23	1.5	2	4-5	2	4	4-5
Fast Red F2G 100%			R 224	1.5	3-4	3-4	3	4-5	4
Fast Red FR 100%			R 227	1.5	3	4	3	4-5	4
Fast Red BWS 100%			R 243	1.5	5	3-4	3	4-5	3-4
Bordeaux B 100%			R 13	1.5	2	4	2-3	4-5	4-5
Blue FFRL 200%			B 108	1.5	6	4-5	3	4	-
Fast Blue FF2GL 180%			B 106	1.5	7	4-5	3	3-4	4
Fast Turq.Blue GL 100%			B 86	1.5	5-6	3	2	2-3	3-4
Fast Turq.Blue FBL 100%			B 199	1.5	5-6	3-4	2-3	3	2
Blue 2B 100%			B 6	1.5	1-2	4-5	2-3	4	4-5
Fast Blue RGL 100%			B 70	1.5	4	3-4	3	4	4-5
Fast Blue G 250%			B 78	1.5	4	3-4	2-3	3	3
Sky Blue 5B 200%			B 15	1.5	3	4-5	3	4	4-5
Blend Blue D-3GL 100%			B 274	1.5	-	-	-	-	-
Fast Blue 4BL 200%			B 200	1.5	6	4-5	3	4	4

Names of Direct Dyes		Colour Sample	C.I.No.(Direct)	Dyeing depth (% o.w.f.)	Fastness Properties				
					Light(xenou)	Rubbing		Washing(40 °C)	Perspiration
						Dry	Wet		
Fast Blue BH 180%			B 2	1.5	3-4	2-3	2	4	4
Fast Blue B2RL 100%			B 71	1.5	4-5	3-4	3	4	4-5
Fast Blue 2RL 100%			B 80	1.5	6	4	2-3	2-3	4
Fast Blue BRL 125%			B 201	1.5	6-7	4	3-4	3	4-5
Blend Navy Blue D-R 100%			B 297	1.5	3	-	-	2-3	-
Fast Blue 3RL 300%			B 67	1.5	5-6	4	3	2-3	-
Copper Blue 2R 100%			B 151	1.5	6-7	4-5	2	3-4	4
Brown N-D3G 100%			Br 1	1.5	2	4	2	4-5	3-4
Brown BRS 150%			Br 95	1.5	-	-	-	-	-
Brown 3G 150%			Br 44	1.5	2	4	3	2	3-4
Fast Brown GTL 100%			Br 210	1.5	7	4	3	4-5	4-5
Brown M 150%			Br 2	1.5	3	4-5	2	3-4	3-4
Violet N			V 1	1.5	3-4	3-4	2-3	3	4
Violet B 150%			V 9	1.5	2	4-5	3	1-2	4
Fast Violet D-5BL 250%			V 66	1.5	6-7	4-5	3	2	2

