



PRC COLOR

Liquid Color for textile  
Printing 、 Padding Dye

大恭化學工業股份有限公司

TAH KONG CHEMICAL INDUSTRIAL CORP.

7TH FLOOR 778, PA TE ROAD, SEC.4,  
TAIPEI, REPUBLIC OF CHINA  
台北市八德路四段七七八號  
新砂谷大樓七樓

TEL:(02)27859081-7  
TLX:25217 TKCPIGMENT  
CABLE:TKCHEMIAL TAIPEI  
FAX:(02)27850907





## PRC Color Introduction :

PRC products are made by the formulation without APEO but their pigments have 26 prohibited Azo Dyes by German Ordinance. Please pay attention to this property when you promote these products.

# The Prohibited Amines Compounds From German Regulations



NO	Azo Dyes	CAS NO
1	4-Aminodiphenyl	92-67-1
2	Benzidine	92-87-5
3	4-Chloro-O-Toluidine	95-69-2
4	2-Naphthylamine	91-59-8
5	O-Aminoazotoluene	97-56-3
6	2-Amino-4-Nitrotoluene	99-55-8
7	P-Chloroaniline	106-47-8
8	2,4-Diaminoanisole	615-05-4
9	4,4' -Diaminodiphenylmethane	101-77-9
10	3,3'-Dichlorobenzidine	91-94-1
11	3,3'-Dimethoxybenzidine	119-90-4
12	3,3'-Dimethylbenzidine	119-93-7
13	3,3'-Dimethyl-4,4'- Diaminodiphenylmethane	838-88-0
14	P-Cresidine(2-Methoxy-5-Methylaniline)	120-71-8
15	4,4'-Methylene-Bis-(2-Chloraniline)	101-14-4
16	4,4'-Oxydianiline	101-80-4
17	4,4'-Thiodianiline	139-65-1
18	O-Toluidine	95-53-4
19	2,4-Toluyldiamine	95-80-7
20	2,4,5-Trimethylaniline	137-17-7
21	O-Anisidine	90-04-0
22	2,4-Xylidine	95-68-1
23	2,6-Xylidine	87-62-7
24	4-Aminoazobenzene	60-09-3



## The Physical Properties of PRC Color

TEST		CODE NO		Yellow	Yellow	Yellow	Yellow	Yellow	Red	Red	Red	Red	Red
		Class		1B518	1B233N	HFL5G	1A585	8844	RD CONC	FD	HFD	FR	1A566
PH Value				7±1	4-7	4-7	4-7	5±1	5.4±1	7±1	6.5±1	6±1	6±1
Light Fastness	Tint	1%	6-7	5-6	5-6	5-6	5-6	5-6	4-5	4-5	4-5	4-5	4-5
	Full	5%	7	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6	5-6
Washing		5%	4	5	5	5	5	5	4	4	4	4	4
Heat Resistance		1%	5	4-5	4-5	4-5	4-5	4-5	3-4	4	4	3	3
Rubbing		5%	---	4	4	4	4	4	3	3	3	3	3
Sulfuric Acid(5%)		5%	5	5	5	5	5	5	5	5	5	5	5
Caustic Soda (5%)		5%	5	4	4	4	4	4	5	4	4	5	5

### Remark:

1. APEO free.
2. Extractable heavy metals. Comply with EN 71 III Regulation.
3. Light fastness:1(the worst)→8(the best) · Physical and chemical fastness : 1(the worst) →5(the best)
4. The above data and results are based on controlled or lab work and must be confirmed by Buyer by testing for the intended conditions of use.



Tint shade:1%

Full shade:5%

檸檬黃 PRC Yellow 1B518



檸檬黃 PRC Yellow 1B233N



檸檬深黃 PRC Yellow HFL5G



檸檬特黃 PRC Yellow 1A585



金黃 PRC Yellow 8844



清紅 PRC Red RD CONC



清紅 PRC Red FD



清紅 PRC Red HFD



大紅 PRC Red FR



大紅 PRC Red 1A566





## The Physical Properties of PRC Color

TEST Class		CODE NO									
		Red FBR	Red 1B460	Red FYK	Red 1B501	Brown FR	Green 9819	Green FBB	White 1A368	White 8720	
PH Value		6.6±1	7.4±1	6.5±1	6.7±1	5.1±1	6.5±1	7±1	7.5±1	7.5±1	
Formaldehyde		N	N	N	N	N	N	N	Y	Y	
Light Fastness	Tint 1 %	5	5	4	4	5	5-6	8	7	7	
	Full 5 %	6	6	5	5	5-6	6	8	7	7	
Washing		5%	4-5	4-5	4	4	4	4	4	4	
Heat Resistance		1%	4-5	4-5	3-4	3-4	3	3-4	4-5	4-5	
Rubbing		5%	3	3	3	3	3	3	4	4	
Sulfuric Acid(5%)		5%	5	5	5	5	5	5	5	5	
Caustic Soda (5%)		5%	3	3	4	4	4	4	3	3	

### Remark:

1. APEO free.
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Tint shade:1%  
Full shade:5%

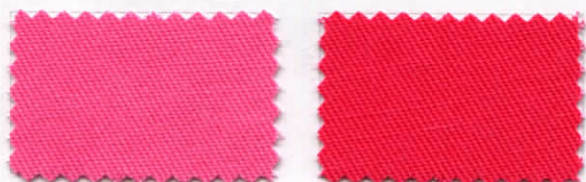
明紅 PRC Red FBR



高濃度明紅 PRC Red 1B460



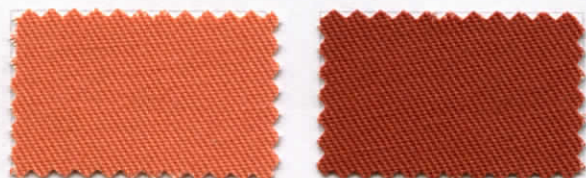
玫瑰淺紅 PRC Red FYK



玫瑰淺紅 PRC Red 1B501



黃棕 PRC Brown FR



中綠 PRC Green 9819



特綠 PRC Green FBB



耐候白 PRC white 1A368(80%)



特白 PRC White 8720(80%)

