



NPRC 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.

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NPRC Color Introduction :

APEO (Alkyl Phenol Ethoxylate) including NPEO and OPEO has been proven to be a hazardous substances and the use during manufacturing processes is restricted in accordance with reducing environmental impact. For example, the European regulations state that NP (Nonylphenol) or NPEO are prohibited with limited use below 0.1% by mass for the textiles and leather processing application. TKC is responsibility for ensuring our products meet global governmental substance regulations and customers' requirements. So we develop serials "NPRC COLOR" products, they are APEO free and comply with the European regulations and "NPRC COLOR" is used for textile printing, padding dyeing and paper coating.



The Physical Properties of NPRC Color

CODE NO TEST \ Class			Yellow 1C284	Yellow 1B143	Yellow 1B443	Yellow 1C375	Yellow HR	Yellow 1C219	Orange FG	Orange 1B442	Orange 1C304	Orange FR
PH Value			6.2±1	8.6±1	7.4±1	7.8±1	8.5±1	6.8±1	5.2±1	6.2±1	8.5±1	3.5±1
Light Fastness	Tint	1%	6	5-6	5-6	6	6-7	6	4-5	4-5	7	3
	Full	5%	6	5-6	5-6	6-7	7	6	5-6	5-6	7-8	4-5
Washing		5%	5	4	4	---	4	---	4	4	---	4
Heat Resistance		1%	3	4	3	5	4-5	---	4-5	4-5	4-5	3
Rubbing		5%	3.5	3	4	---	4	---	4	4	---	4
Sulfuric Acid(5%)		5%	5	4-5	5	---	5	---	5	5	---	5
Caustic Soda (5%)		5%	4-5	3	4	2-3	3-4	---	3-4	3-4	---	4

Remark:

1. APEO free.
2. Azo Dyes free. Comply with EN 14362-1:2012 Regulation.
3. Extractable heavy metals. Comply with EN 71 III Regulation.
4. Light fastness: 1(the worst) → 8(the best) , Physical and chemical fastness : 1(the worst) → 5(the best)
5. 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 NPRC Yellow 1C284



老黃 NPRC Yellow 1B143



老黃 NPRC Yellow 1B443



金黃 NPRC Yellow HR



金黃 NPRC Yellow HHR



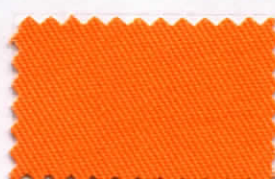
鐵黃 NPRC Yellow 1C219



橙黃 NPRC Orange FG



橙黃 NPRC Orange 1B442



橙黃 NPRC Orange 1C304



橙紅 NPRC Orange FR





The Physical Properties of NPRC Color

CODE NO TEST / Class			Orange HFR	Red 1A731	Red 1C259	Red 1C305	Red 1B210	Red 1C334	Red E5B	Red HE5B	Red 1C254	Pink FB
PH Value			3±1	7.8±1	7.1±1	6.3±1	6±1	6.7±1	6.5±1	7±1	5±1	7.1±1
Light Fastness	Tint	1%	3	5-6	7-8	6	5-6	5-6	8	8	8	4-5
	Full	5%	4-5	5-6	8	7	6-7	6	8	8	8	5
Washing		5%	4	4	---	---	4-5	---	4-5	4-5	---	4
Heat Resistance		1%	3	4	5	5	5	5	5	5	5	3-4
Rubbing		5%	4	3	---	---	4	---	4	4	---	3
Sulfuric Acid(5%)		5%	5	5	---	5	5	4-5	5	5	5	5
Caustic Soda (5%)		5%	4	3-4	---	4-5	4-5	2-3	5	5	5	5

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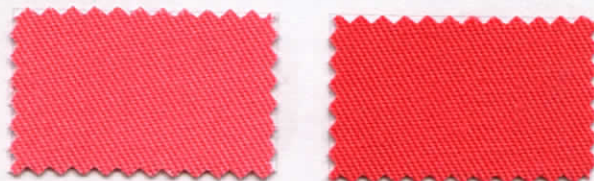
Tint shade:1%

Full shade:5%

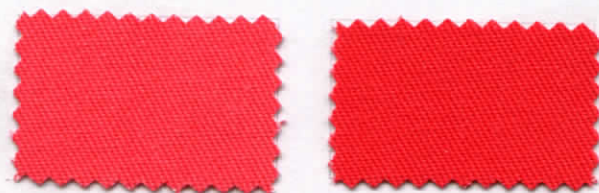
橙紅 NPRC Orange HFR



金紅 NPRC Red 1A731



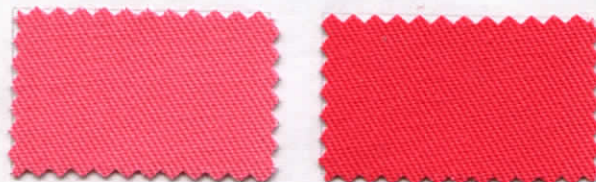
大紅 NPRC Red 1C289



大紅 NPRC Red 1C305



大紅 NPRC Red 1B210



大紅 NPRC Red 1B210H



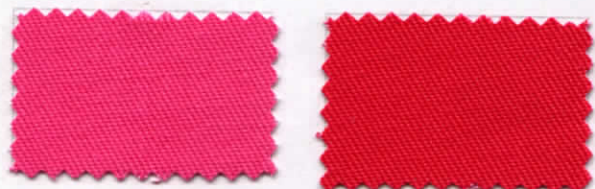
玫瑰紅 NPRC Red E5B



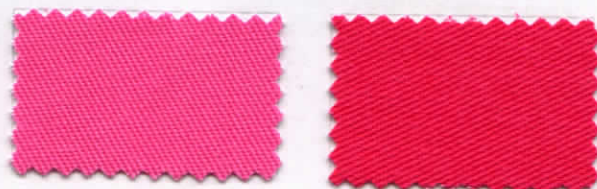
玫瑰紅 NPRC Red HE5B



玫瑰紅 NPRC Red 1C254



玫瑰清紅 NPRC Pink FB





The Physical Properties of NPRC Color

CODE NO TEST \ Class			Pink 1A564	Rose FB	Rose HFB	Bordeaux HF5B	Pink 1C233	Brown 8740	Brown 1C200	Violet 1C157	Violet 1B391	Blue 9876
PH Value			6.5±1	6.5±1	8.2±1	7.4±1	7.5±1	8.5±1	8.5±1	6.4±1	7.5±1	7.8±1
Light Fastness	Tint	1%	4-5	3-4	3-4	4	7-8	6	6	6	6	7-8
	Full	5%	5	5	5	5	8	7	7	7	7	8
Washing		5%	4	4	4	3-4	4	4-5	---	5	5	5
Heat Resistance		1%	3-4	4	4	4	4-5	5	5	4	4	4
Rubbing		5%	3	3	3	3	3	4	---	3	3	3
Sulfuric Acid(5%)		5%	5	5	5	5	5	5	5	5	5	5
Caustic Soda (5%)		5%	5	5	5	4	4	5	5	3	5	4

Remark:

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Tint shade:1%
Full shade:5%

深紅 NPRC Pink 1A564



玫瑰紅 NPRC Rose FB



玫瑰深紅 NPRC Rose HFB



京丈紅 NPRC Bordeaux HF5B



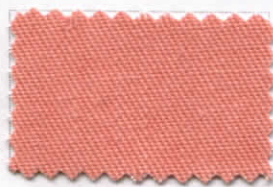
京丈紅 NPRC Pink 1C233



紅棕 NPRC Brown 8740



紅棕 NPRC Brown 1C200



深紫 NPRC Violet 1B391



中紫 NPRC Violet 1C157



寶藍 NPRC Blue 9876





The Physical Properties of NPRC Color

CODE NO TEST Class			Royal Blue	Blue F8G	Blue 1A611	Blue 2B	Blue FNB CONC	Blue FR	Green 1B208	Green 1A669	Black FB CONC	Black HB
PH Value			6.5±1	7.7±1	8±1	6.8±1	5.2±1	6.3±1	8.2±1	7.3±1	5.3±1	5.1±1
Light Fastness	Tint	1%	7-8	8	8	7-8	7-8	5	7	7	8	8
	Full	5%	7-8	8	8	8	8	6	8	8	8	8
Washing		5%	5	3-4	3-4	5	5	5	4	4	5	5
Heat Resistance		1%	4	4	4	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Rubbing		5%	4	4	3-4	3	3	4	3	3	4	4
Sulfuric Acid(5%)		5%	3	5	5	5	5	5	5	5	5	5
Caustic Soda (5%)		5%	5	4	4	5	5	5	4	4	5	4

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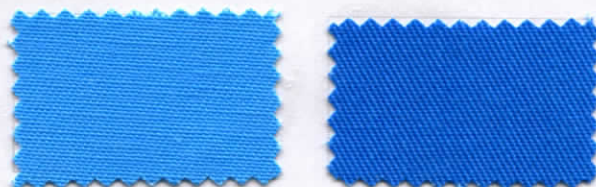


Tint shade:1%
Full shade:5%

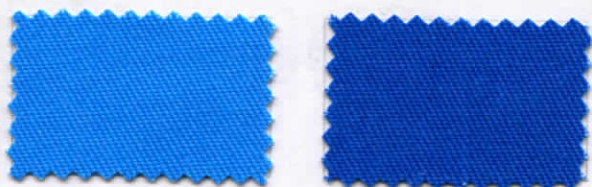
彩藍 NPRC Royal Blue



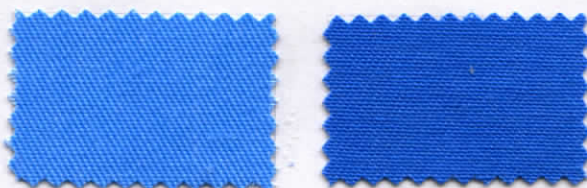
淺藍 NPRC Blue F8G



天藍 NPRC Blue 1A611



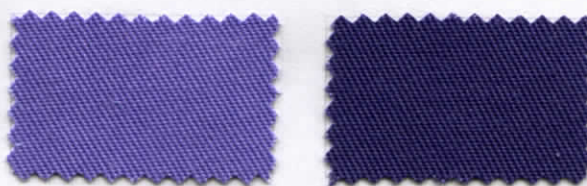
原藍 NPRC Blue 2B



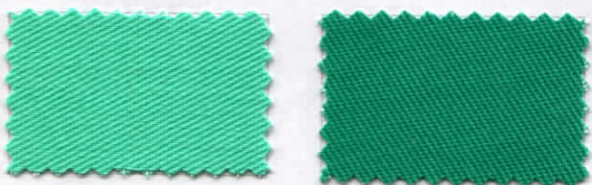
原藍 NPRC Blue FNB CONC



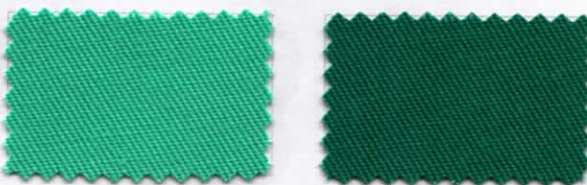
海軍藍 NPRC Blue FR



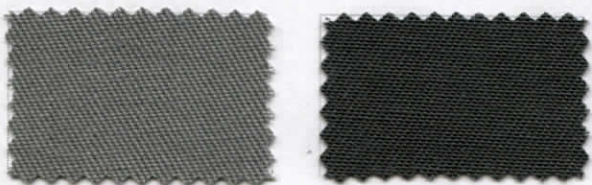
淺綠 NPRC Green 1B208



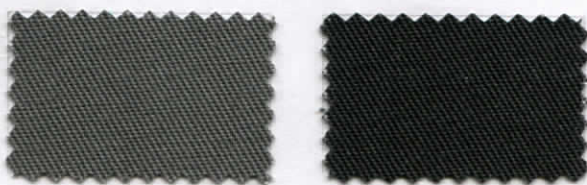
濃綠 NPRC Green 1A669



調色黑 NPRC Black FB CONC



特黑 NPRC Black HB





The Physical Properties of NPRC Color

CODE NO			Black 1A408	Black 1C107	Black FON	White 1C238A
TEST	Class					
PH Value			7.3±1	7.5±1	8.2±1	7.1±1
Light Fastness	Tint	1%	8	8	8	---
	Full	5%	8	8	8	7
Washing		5%	3-4	3	3	4
Heat Resistance		1%	5	5	5	4
Rubbing		5%	3-4	3	3	4-5
Sulfuric Acid(5%)		5%	5	5	5	5
Caustic Soda (5%)		5%	5	5	5	3

Remark:

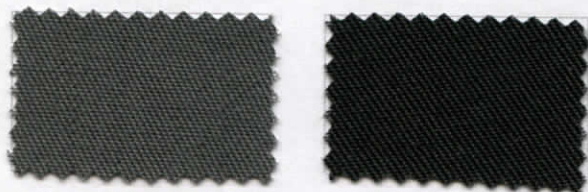
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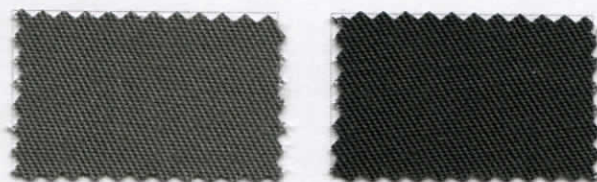
Tint shade:1%

Full shade:5%

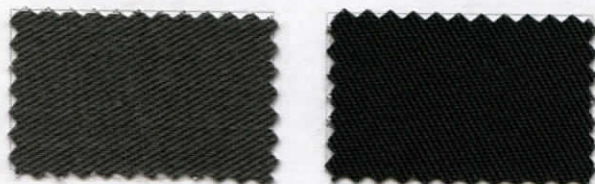
高濃度特黑 NPRC Black 1A408



水糊黑 NPRC Black 1C107



水糊特黑 NPRC Black FON



特白 NPRC White 1C238(80%)

