

AS

Color

AS COLOR

*Paste Color
for PU*



大恭化學工業股份有限公司

TAH KONG CHEMICAL INDUSTRIAL CORP.

台北市10565八德路4段778號(新矽谷大樓7樓)

778, PA TE ROAD, SEC. 4, 7TH FLOOR
















TEL: (02) 7859081~7

FAX: (02) 7850907

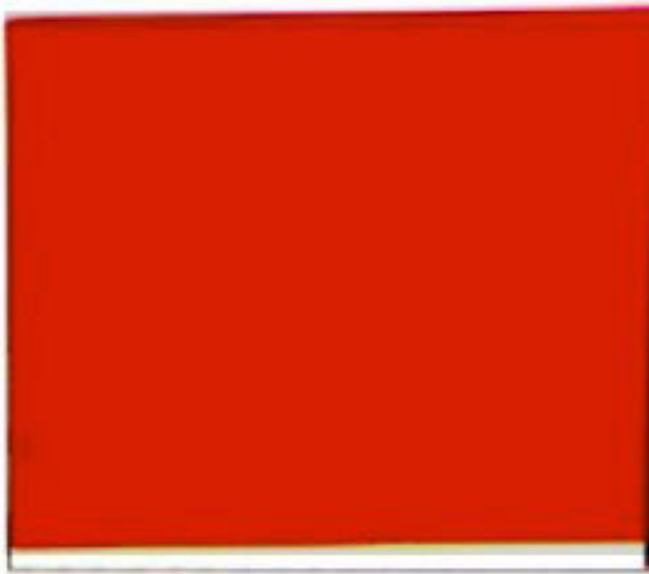



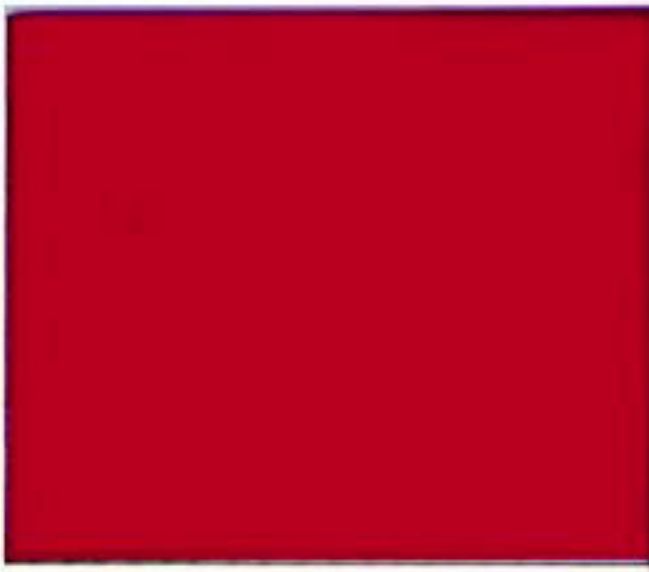

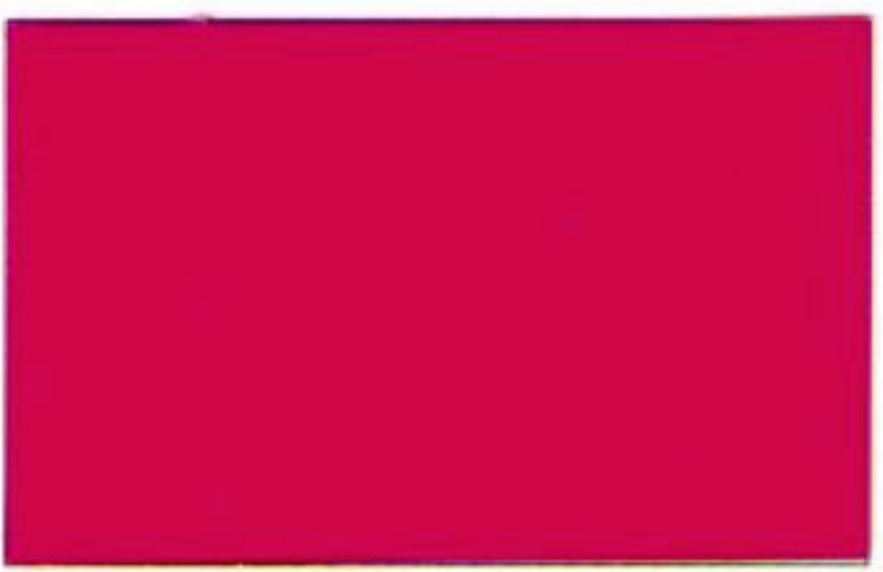
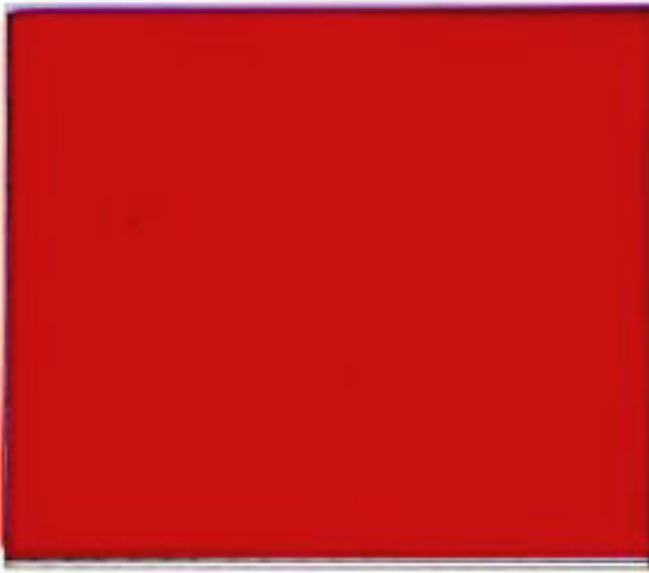





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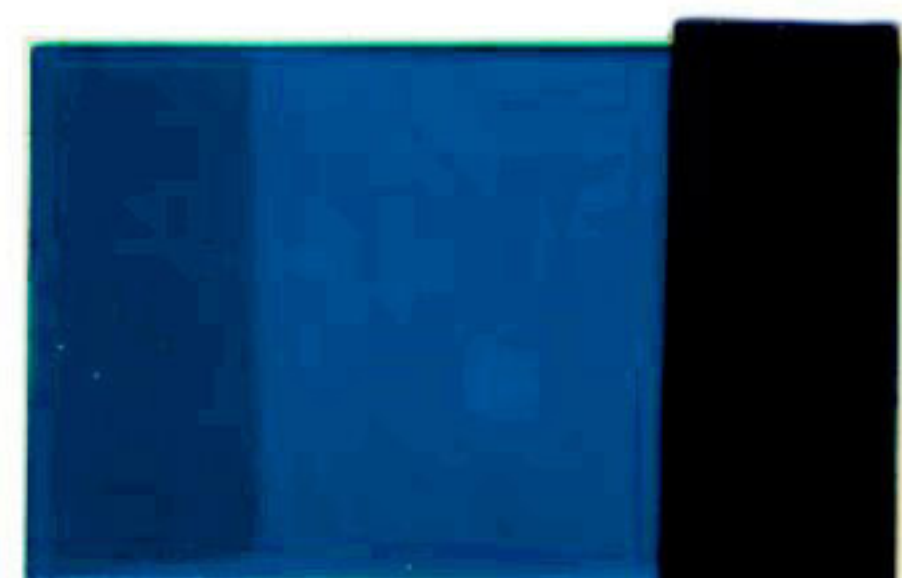
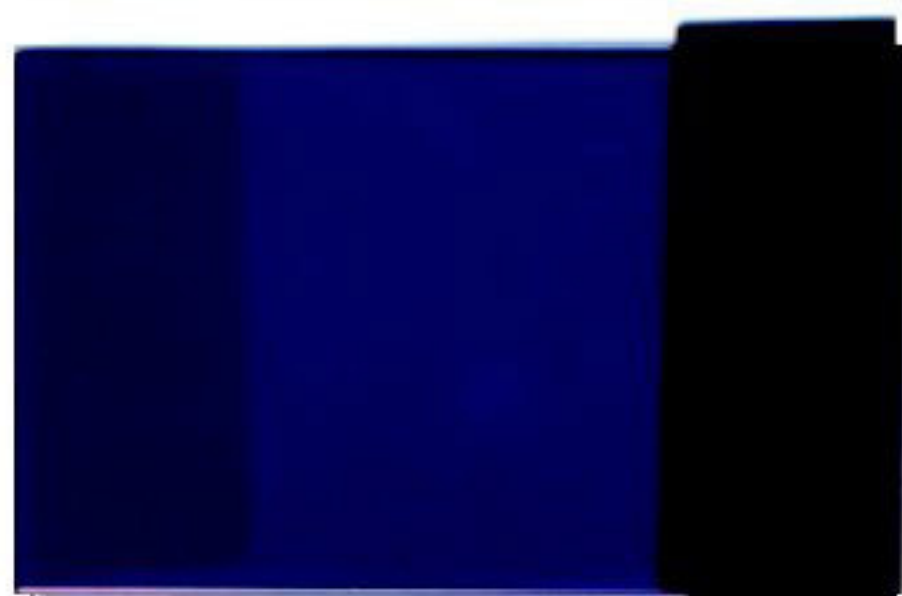
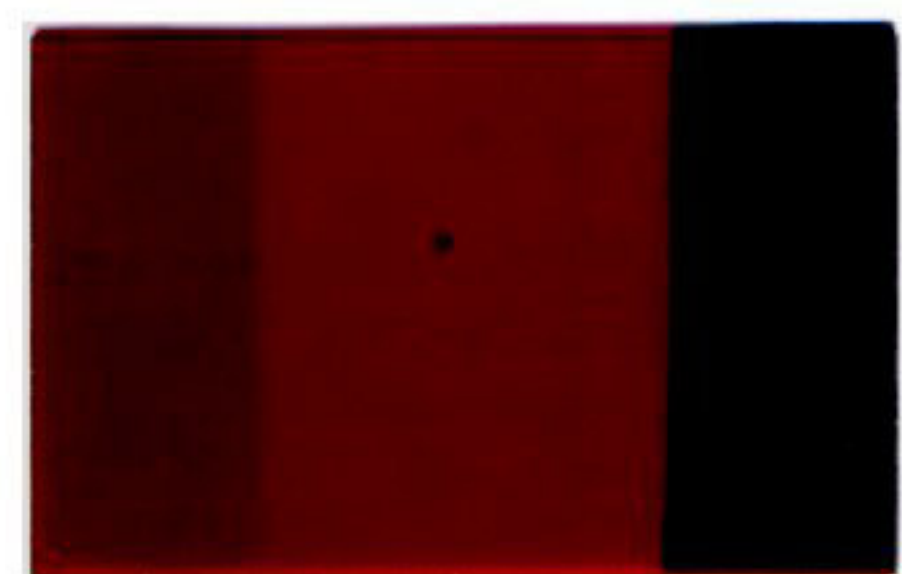
<u>Full Shade</u>		<u>Tint Shade</u>	
Color	10 %	Color White	4% 4%
			
			
			
			
			

	Light Fastness		Migration	Characteristics		
	Full Shade	Tint Shade		Organic	Inorganic	Azo
AS 8A317 Yellow Heavy Metal Absence	6	6	4~5	--	√	
AS 8A290 Yellow Heavy Metal Absence	6	6	4~5	--	√	
AS 8A289 Yellow PY-110	7	6	5	√	--	
AS 8103 Yellow (Azo)	7	6	4~5	√	--	√
AS 8104 Yellow (Azo)	7	6	4~5	√	--	√

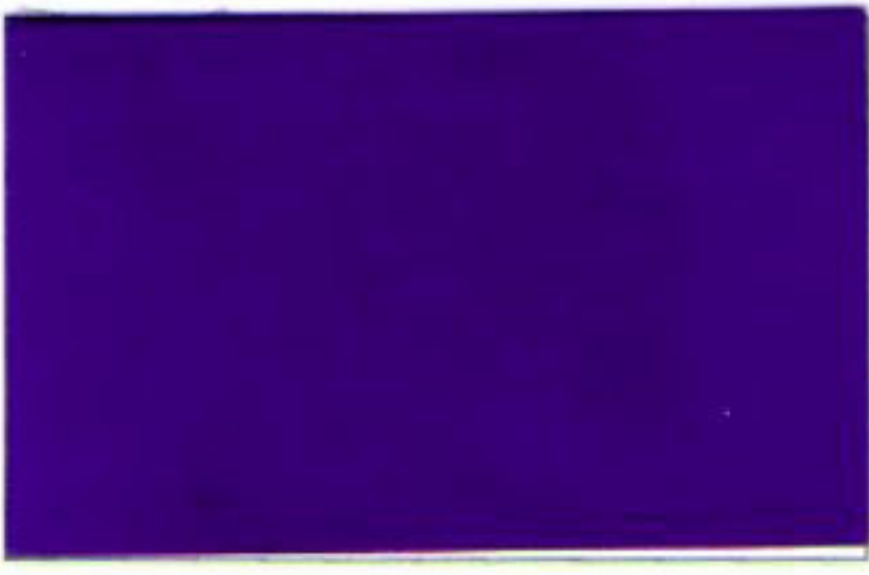
<u>Full Shade</u>		<u>Tint Shade</u>	
Color	10 %	Color White	4% 4%
			
			
			
			
			

	Light Fastness		Migration	Charactristics		
	Full Shade	Tint Shade		Organic	Inorganic	Azo
AS 8500 Orange PO-38	5	5	4~5	√	--	
AS 8A258 Red	6	5	5	√	--	
AS 8408 Red PR-208	7	6	5	√	--	
AS 8A206 Red PR-170	6	5	4~5	√	--	
AS 8A189 Red PR-122	8	8	5	√	--	

Full Shade		Tint Shade	
Color	10 %	Color White	4% 4%



	Light Fastness		Migration	Characteristics		
	Full Shade	Tint Shade		Organic	Inorganic	Azo
AS 8A288 Bordeaux	6	6	5	√	--	
AS 8600 Brown PBr-25	6	6	5	√	--	
AS 8509 Brown PBr-7	7	6	5	--	√	
AS 8A318 Blue PB-15:3	7	6	4~5	√	--	
AS 8A190 BluE PB-15:3	7	6	4~5	√	--	

<u>Full Shade</u>		<u>Tint Shade</u>	
Color	10 %	Color	4 %
		White	4 %
			
			
			
			

	Light Fastness		Migration	Characteristics		
	Full Shade	Tint Shade		Organic	Inorganic	Azo
AS 8A204 Violet PV-23	8	8	5	√	--	
AS 8A191 Green PG-7	6	5	5	√	--	
AS 8A316 Black PBk-6	8	8	5	--	√	
TKU 8A228 White PW-6	6~7	5	4~5	--	√	

大恭化學低黏度型 AS COLOR 產品目錄

Catalog of AS Color (Low Viscosity Type)

一、目錄展色片 Data of color sheet

1. 組成 (PU Compound)

乾式 PU 樹脂(Resin)	100
MEK	60
DMF	20

2. 濃色 Full Shade

	Color, Black	White
PU Compound	100	100
AS Color	10	10

3. 淡色 Tint Shade

	Color, Black	White
PU Compound	100	100
AS Color	2.5	10
WH 8A341	4	-
BK 8A316	-	1

二、試驗方法 Test Method

1. 耐光試驗 Light fastness

將試片置放於 Fade-O-Meter 中照射，以小時計數其結果對照 Blue Scale 1-to-8 之級數，判斷耐光程度優劣。

The test sheet is carried out for a specified period in a Fade-O-Meter. Assessments were made using the 1 to 8 blue scale so as to the degree of their fading and discoloration.

Grade	Blue Scale	Fade-O-Meter Full Exposure
8	Outstanding	400 hours
7	Excellent	200 hours
6	Very good	100 hours
5	Good	50 hours
4	Fair	25 hours
3	Moderate	12 hours
2	Poor	6 hours
1	Very poor	3 hours

2. 耐熱試驗 Heat Resistance

將試片置於烘箱中 $180^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ，30 分鐘，區分 1-5 等級判斷耐熱程度好壞。

Test color sheet was left in a gear-oven for 30 minutes at $180^{\circ}\text{C} \pm 2^{\circ}\text{C}$. The change of shade is assessed on a 1 to 5 scale.

Grade	Shade of test sample	Heat Resistance
5	Unchanged	Very good
4	Trance	Good
3	Weak	Fairly good
2	Appreciable	Moderate
1	Heavy	Poor

3. 離型紙污染試驗 Release Paper Pollution(P.P.R.)

將 12 PHC 色膏展色於離型紙，置於烘箱中 $120^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ，15 分鐘，撕下部份乾式 PU 薄膜層，區分 1-5 等級判斷離型紙污染程度好壞。

Test color sheet (12PHC) was left in a gear-oven for 15 minutes at $120^{\circ}\text{C} \pm 2^{\circ}\text{C}$. Tear partial PU Film and compare the change between the torn part and the blank part of the release paper. The change is assessed on a 1 to 5 scale.

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Grade	Shade of test sample	Heat Resistance
5	Unchanged	Very good
4	Trance	Good
3	Weak	Fairly good
2	Appreciable	Moderate
1	heavy	Poor

4. 耐化學性試驗 Chemical Resistance

將試片浸於 5% HCl 或 10% NaOH 或 10% Na₂S · 9H₂O 之溶液中 24 小時，其優劣亦分 1-5 等級。

Test color sheet was left in 5% HCl_(aq), 10% NaOH_(aq), or 10% Na₂S · 9H₂O_(aq) for 24 hours. The change of shade is assessed on a 1 to 5 scale.

註：

1. 以上物性會因使用著色量多寡而影響。





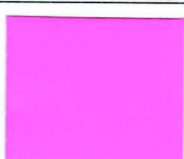


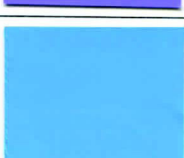
The above physical properties may be influenced by additive volume.

2. 以上所列物性數據為典型試驗數據，不做產品規格及保證。尤其著色量低於 0.1% 時客戶必須自行測試所需物性。

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.







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Full Shade	Tint Shade	AS Color Pigment No.	Lightfastness		Heat Resistance	Migration Resistance	Chemical Resistance		
			Full Shade	Tint Shade			3N HCl	10% NaOH	Na ₂ S · 9H ₂ O
		Yellow 8A331 PY-138	6-7	5-6	4-5	4	5	5	5
		Yellow 8A330 PY-139	6	5-6	5	4	5	4	5
		Orange 8A332 PO-64	6-7	5-6	4-5	5	5	5	2
		Red 8A333 PV-19	5-6	5-6	5	5	5	5	5
		Red 8A334 PR-208	5-6	4-5	4	4-5	5	5	5
		Bordeaux 8A335 PV-19	5-6	5-6	4-5	5	5	5	5
		Violet 8A337 PV-23	6-7	4-5	5	4	5	5	5
		Blue 8A339 PB-15:3	6-7	5-6	5	5	5	5	5
		Green 8A340 PG-7	5-6	4-5	5	5	5	5	5

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Catalog of AS Color (Low Viscosity Type)

Full Shade	Tint Shade	AS Color Pigment No.	Lightfastness		Heat Resistance	Migration Resistance	Chemical Resistance		
			Full Shade	Tint Shade			3N HCl	10% NaOH	Na ₂ S · 9H ₂ O
		White 8A341 PW-6	4	5	5	5	5	5	5
		Black 8A316 PBk-7	8	6	5	5	5	5	5
		Black 8905B PBk-7	8	6	5	5	5	5	5