

UE Color 產品目錄說明

Catalog and Introduction of UE Color

I. 序文(Introduction)

UE Color 為多元醇類色膏，適合應用於 PU 泡棉加工製品，亦可應用於環保無溶劑反應型 PU 合成皮。UE Color 具有鮮艷之著色能力，分散性佳，使用計量容易，調配色容易等之特性。

UE Color is polyol-typical paste, suitable for coloring of PU sponge products. It can also be applied to reactive PU synthetic leather which is solvent free and environment friendly products. UE Color has many characteristics such as high brightly coloring, good dispersion, easy measurement and easy color matching and so on.

II. 展色片(Color Pattern)

	濃色 (Full Shade)	淡色(Tint Shade)	
		Color, Black	White
PU Dry type Compound	100	100	100
UE Color	10	2.5	5
White	--	4	--
Black	--	--	0.04

III. 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 color pattern is carried out of a specified period in a Fade-O-Meter. Assessments were made using the 1-to-8 Blue Scale as to degree of their fading and discoloration.

2. 耐熱試驗(Heat Resistance)

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

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

3. 色移行試驗(Migration Test)

將試片夾於兩片白色色片之間，置於烘箱 80°C ，加壓 $100\text{g}/\text{cm}^2$ ，24 小時，觀察白色色片移行現象，區分 1-5 等級判斷色移行程度好壞。

The color pattern is sandwiched between two white sheets and placed for 24 hours under a load of about $100\text{g}/\text{cm}^2$ and kept at a constant temperature of 80°C . The fastness of migration was judged by the extent of staining of white sheet and assessed on a 1-to-5 scale.

4. 耐酸鹼試驗(Chemical Resistance)

試片浸於溶液 60 分鐘，區分 1-5 等級判斷色耐酸鹼程度好壞。






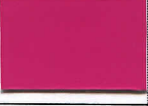










The color pattern is in a solution for 60 minutes. The change of shade is assessed on a 1 – to – 5 scale.

註：以下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 following data and results are based on controlled or lab work and must be confirmed by Buyer by testing for the intended conditions of use.

大恭化學 UE Color 產品目錄

Catalog of UE Color

Full Shade	Tint Shade	Color Name	Light fastness		Heat Resistance	Migration Resistance	Chemical Resistance		
			Full Shade	Tint Shade			3N HCl	10% NaOH	10 Na2S · 9H ₂ O
		Yellow 7920 PY-14	4-5	4	4-5	4-5	4-5	5	
		Yellow 8D067* PY-139	6-7	6	5	4	5	4 5	
		Red 8D099* PR-170	6	5	4-5	4-5	5	4-5 5	
		Red 8D145* PR-185	7	6-7	5	5	5	5 5	
		Red 8D160* PR-57 : 1	4	4	3-4	4	4-5	4 5	
		Violet 601 PV-23	7	5	5	4-5	5	5 5	
		Brown 8D137 PR-101	7	6	5	5	5	5 5	
		Blue 705 PB-15 : 3	7	6	5	5	5	5 5	
		Blue 8D138 PB-29	7	6	5	5	2	5 5	
		Green 7855 Mix	6	5	5	5	5	5 5	
		White 807 PW-6	5-6	6	5	5	5	5 5	
		Black 905 PBk-7	8	6	5	5	5	5 5	
		Black 8D178* PBk-7	8	6	5	5	5	5 5	

*: New color

