



BESTCHEM

Pigment Color

Transform Your Life
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產品名稱 PRODUCT COLORS NAME	色相 COLOR SHADE		C.I. NO. 國際顏料號	環保規範 ENVIRONMENTAL SAFETLY									
				酸鹼值 PH	壬基酚 APEO	鄰苯二甲酸脂 PHTHALATE	偶氮 AZO (Below 20%)	重金屬 HEAVY METAL	游離甲醛 FORMALDEHYDE	耐移染性 ANTI-MIGRATION	耐高溫性 (150°C) ANTI-TEMPERATURE	耐日光性 LIGHT FASTNESS	
													5%
PRC-2100 清紅 Bright Red			PR-22	8±1	0	0	X	0	0	X	X	4	
PRC-2200 大紅 Red			PR-22	6±1	0	0	X	0	0	X	X	4	
PRC-2202 大紅 Red			PR-22 MIX	9±1	0	0	X	0	0	X	X	4	
PRC-2300 高溫紅 Red HR			PR-9	7±1	0	0	0	0	0	X	0	5	
PRC-2350 高溫紅 (HSC) Red HR			PR-9	7±1	0	0	0	0	0	X	0	5	
PRC-2400 玫瑰紅 Rose			PR-32	9±1	0	0	0	0	0	X	0	5	
PRC-2430 玫瑰紅 (HSC) Rose			PR-32	9±1	0	0	0	0	0	X	0	5	
PRC-2700 棕色 Brown			PR-22 MIX	9±1	0	0	X	0	0	X	X	3	
PRC-3122 芥黃 Mustard Yellow			PY-14	9±1	0	0	0	0	0	X	X	3	
PRC-3127 芥黃 (HSC) Mustard Yellow			PY-14	7±1	0	0	0	0	0	X	X	3	
PRC-3522 凍黃 Golden Yellow			PY-14 MIX	9±1	0	0	0	0	0	X	X	3	
PRC-3527 凍黃 (HSC) Golden Yellow			PY-14 MIX	7±1	0	0	0	0	0	X	X	3	

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				酸鹼值	壬基酚	鄰苯二甲酸酯	偶氮	重金屬	游離甲醛	耐移染性	耐高溫性 (150°C)	耐日光性	
				5%	1%	APRO	PHthalate	AZO (Below 20%)	HEAVY METAL	FORMALDEHYDE	ANTI-MIGRATION	ANTI-TEMPERATURE	LIGHT FASTNESS
PRC-3822 桔紅 Deep Orange			PO-16 MIX	9±1	0	0	0	0	0	0	X	X	3
PRC-4200 深綠 Green			PG-7 MIX	9±1	0	0	0	0	0	0	0	0	6
PRC-4202 綠色 Green			PG-7 MIX	9±1	0	0	0	0	0	0	0	0	6
PRC-4205 綠色 Green			PG-7 MIX	9±1	0	0	0	0	0	0	0	0	6
PRC-4225A 青秀綠 Green			PG-7	9±1	0	0	0	0	0	0	0	0	6
PRC-5160 普通藍 Blue			PB-15:0	9±1	0	0	0	0	0	0	0	0	6
PRC-5260 普通藍 (HSC) Blue			PB-15:0	8±1	0	0	0	0	0	0	0	0	6
PRC-5402 土耳其藍 Turkey Blue			PB-15 MIX	8±1	0	0	0	0	0	0	X	0	5
PRC-5500 翠藍 Sky Blue			PB-15:3	8±1	0	0	0	0	0	0	0	0	7
PRC-5540 翠藍 (HSC) Sky Blue			PB-15:3	8±1	0	0	0	0	0	0	0	0	7
PRC-5600 丈青 Navy Blue			PB-15 MIX	9±1	0	0	0	0	0	0	X	0	5
PRC-5650 紅口丈青 Navy Blue			PB-15 MIX	8±1	0	0	X	0	0	0	X	X	4

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				酸鹼值	壬基酚 APEO	鄰苯二甲酸脂 PHTHALATE	偶氮 AZO (Below 20%)	重金屬 HEAVY METAL	游離甲醛 FORMALDEHYDE	耐遷移性 ANTI-MIGRATION	耐高溫性 ANTI-TEMPERATURE (150°C)	耐日光性 LIGHT FASTNESS	
													5%
PRC-5652 紅口丈青 Navy Blue			PB-15:0 MIX	8±1	0	0	0	0	0	0	0	0	6
PRC-7100 紫色 Violet			PV-23	9±1	0	0	0	0	0	0	0	0	7
PRC-7200 紫色 (HSC) Violet			PV-23	8±1	0	0	0	0	0	0	0	0	7
PRC-9118 全油黑 Black			PBK-7	7±1	0	0	0	below 8% (PB)	0	0	0	0	7
PRC-9234 全油黑 Black			PBK-7	7±1	0	0	0	below 8% (PB)	0	0	0	0	7
PRC-9400 全油黑 (PAHs Pass) Black			PBK-7	7±1	0	0	0	0	0	0	0	0	7
PRC-9540 全油黑 Black			PBK-7	8±1	0	0	0	0	0	0	0	0	7
PRC-9600 免油黑 Non-Jelly Black			PBK-7	8±1	0	0	0	0	0	0	0	0	7
PRC-9640 免油黑 (HSC) Non-Jelly Black			PBK-7	7±1	0	0	0	0	0	0	0	0	7

環保規範檢測方法 TEST METHOD

壬基酚APEO : GOTS/HPLC/MS (test method based on tti-A043)

鄰苯二甲酸脂Phthalates : GOTS/DIN EN15777:2009-12

偶氮AZO : GOTS/EN14362-1:2012 / EN14362-3:2012

重金屬Heavy Metals : GOTS/ISO17072-2:2011

游離甲醛Formaldehyde : GOTS/ISO14184-1:2011

耐遷移性Anti-Migration : Use Pigment 8% , 150°C x 60Sec Pressing

耐高溫性Anti-Temperature : Use Pigment 1%-5% , 120/150/180°C No discoloration

耐日光性Lightfastness : 依國際顏料碼物性索引 , The applicaton of it is followed CI no. code

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				酸鹼 值	壬基 酚	APEO	鄰苯 二甲 酸脂	偶氮	AZO (Below 20%)	重金 屬	游離 甲醛	FORMALDEHYDE	耐移 染性	ANTI-MIGRATION	耐高 溫性 (150°C)	ANTI-TEMPERATURE	耐日 光性	LIGHT FASTNESS
W-245 紅色 HR Red			PR-185	8±1	0	0	0	0	0	0	0	0	0	0	0	7		
W-249 桃紅 HR Pink			PR-122	8±1	0	0	0	0	0	0	0	0	0	0	0	7		
W-250 大紅 Red			PR-170	8±1	0	0	0	0	0	0	0	0	0	0	0	7		
W-254 法拉利紅 Red			PR-254	8±1	0	0	0	0	0	0	0	0	0	0	0	7		
W-301-2 黃色 Lemon Yellow			PY-81	8±1	0	0	0	0	0	0	0	0	0	0	0	6		
W-345 金黃 Mustard Yellow			PY-83	9±1	0	0	0	0	0	0	0	0	0	0	0	7		
W-359 桔色 Orange			PO-16	7±1	0	0	0	0	0	0	0	X	X	X	X	4		
RC980-2300 白色膏 White			PW-6	8±1	0	0	0	0	0	0	0	0	0	0	0	7		





技術規格

- 請勿將黑色PK7與橘色PO13或橘色PO34混色一起使用，混色後會產生化學反應導至偶氮會超出限量要求。
- W9系列為高物性低甲醛螢光色，使用量20%以內，可符合兒童甲醛規範，含量20ppm以內。
- 紅色及黃色因原料有偶氮結構鏈，使用量20%以內，可符合偶氮規範。
- 符號說明：O代表可符合規範，耐日光性8為最佳。
- 儲存方式：本產品應儲放在通風乾燥處，溫度在5°C-35°C為佳。

注意事項：

- 產品開封後應保持密封，避免造成變質。
- 使用前務必進行測試，若有特殊用途，應確認其適用性符合需求。
- 存放期間較長，外觀如有出現沉澱分層之現象，使用前請務必攪拌均勻後使用，不影響其品質。
- 本資料僅供參考，不適用於法律或專利上之糾紛。

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				酸鹼值	壬基酚	鄰苯二甲酸脂	偶氮	重金屬	游離甲醛	耐移染性	耐遷移性	耐溫度性 (150°C)	耐日光性
				PH	APEO	PHTHALATE	AZO (Below 20%)	HEAVY METAL	FORMALDEHYDE	ANTI-MIGRATION	ANTI-MIGRATION	ANTI-TEMPERATURE	LIGHT FASTNESS
	20%	5%											
PRC-8110H 螢光桃 Fluorescent Pink			N/A	5±1	0	0	0	0	0	X	X	X	1
PRC-8200H 螢光紅 Fluorescent Red			N/A	5±1	0	0	0	0	0	X	X	X	1
PRC-8300H 螢光黃 Fluorescent Yellow			N/A	6±1	0	0	0	0	0	X	X	X	1
PRC-8320H 螢光桔 Fluorescent Orange			N/A	6±1	0	0	0	0	0	X	X	X	1
PRC-8340H 螢光黃 Fluorescent Golden Yellow			N/A	5±1	0	0	0	0	0	X	X	X	1
PRC-8400H 螢光綠 Fluorescent Green			N/A	6±1	0	0	0	0	0	X	X	X	1
PRC-8500H 螢光藍色 Fluorescent Blue			N/A	7±1	0	0	0	0	0	X	X	X	1
PRC-8700H 螢光紫 Fluorescent Violet			N/A	5±1	0	0	0	0	0	X	X	X	1
PRC-8800H 螢光玫瑰 Fluorescent Rose			N/A	5±1	0	0	0	0	0	X	X	X	1

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				酸鹼值	壬基酚	APEO	鄰苯二甲酸脂	偶氮	重金屬	游離甲醛	耐移染性	ANTI-TEMPERATURE 遷移顯性(150°C)	耐日光性	
														PHTHALATE
20%	5%													
W-9100HC 耐遷移螢光桃紅 Fluorescent Pink			N/A	6±1	0	0	0	0	0	0	Within 150 ppm	0	0	1-2
W-9200HC 耐遷移螢光紅 Fluorescent Red			N/A	5±1	0	0	0	0	0	0	Within 150 ppm	0	0	1-2
W-9300HC 耐遷移螢光黃 Fluorescent Yellow			N/A	4±1	0	0	0	0	0	0	Within 150 ppm	0	0	1-2
W-9320HC 耐遷移螢光桔 Fluorescent Orange			N/A	4±1	0	0	0	0	0	0	Within 150 ppm	0	0	1-2
W-9400HC 耐遷移螢光綠 Fluorescent Green			N/A	4±1	0	0	0	0	0	0	Within 150 ppm	0	0	1-2
W-9500HC 耐遷移螢光藍 Fluorescent Blue			N/A	5±1	0	0	0	0	0	0	Within 150 ppm	0	0	1-2
W-9700HC 耐遷移螢光紫 Fluorescent Violet			N/A	6±1	0	0	0	0	0	0	Within 150 ppm	0	0	1-2
W-9800HC 耐遷移螢光粉紫 Fluorescent Magenta			N/A	5±1	0	0	0	0	0	0	Within 150 ppm	0	0	1-2

Using suggestion

- Do not mix black PK7 with orange PO13 or orange PO34. After mixing, chemical reaction will occur and azo will exceed the limit.
- W9xxx series : High fastness fluorescence color with low Formaldehyde, used in an amount less than 20%, it can pass for children requirement of Formaldehyde specification(below 20 ppm).
- Yellow and red azo chain structure due to raw material, used in an amount less than 20%, can pass to specifications azo.
- Explanation of symbols: 0 is meet specifications, light fastness grading is marked form 8.
- Storage: The product should be stored in dry air, preferably at a temperature of 5°C-35°C.

Remarks

- Products are used for textile printing for water based only; must be stored air-tight after opening to prevent property changes.
- Customer is always recommended to perform test prior to bulk application.
- After six to eight months of storage, please shake well before use. Sediment or oil-water separation is normal situation, it will not affect or change the quality.
- This information is meant as a reference, not a warrantee.

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