

CR HENDERSON
中润恒基

FULL FORMULATION SOLUTION SUPPLIER

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CR HENDERSON
中润恒基

一直致力于着色剂的研究、开发和生产

中润恒基



PRODUCT CATALOG

产品目录

一直致力于着色剂的研究、开发和生产
Dedicating to the research, development and manufacture of colorants.

01

Organic pigment
有机颜料

02

Inorganic pigment
无机颜料

03

Effect pigment
效果颜料

04

Resin
树脂

05

Additive
添加剂

06

OBA
荧光增白剂

07

PVB Film
PVB膜

08

Solvent dyes
油溶染料



COMPANY PROFILE

公司简介

CR Henderson is a professional manufacturer of organic pigments, as a group of companies, we have individual plants for different color products, pigment red, yellow, orange and violet, annual production capacity 12000 tons. Except produce pigments, we also distribute titanium dioxide, effect pigments (fluorescent pigments, pearlescent pigment), solvent dyes, iron oxide pigments and aldehyde resin, PVA resin, PVBresin, PVB film etc to match the requirements of long term cooperation customers for full formulation solutions. Aim to provide high-quality products and services to customers and to achieve sustainable development of enterprises.

我们是一家专业生产有机颜料的企业，作为集团公司，我们拥有不同颜色产品的加工工厂，生产颜料红、黄、橙、紫，年生产能力12000吨。除生产颜料外，我们还经销钛白粉、效果颜料（荧光颜料、珠光颜料）、溶剂染料、氧化铁颜料、醛树脂、PVA、PVB、PVB膜等，以满足长期合作客户对全套配方解决方案的需求。旨在为客户提供优质的产品和服务，实现企业的可持续发展。

1 Organic pigment | 有机颜料

• Red 有机颜料红

色样 Color Shade		产品名称 Product Name	颜料索引号 Color Index No.	物化数据 Physical Data		牢度 Fastness						应用范围 Range of Application						
原色 Full Color	冲淡色 Reduced Color			PH 值 PH Value	吸油量 Oil Absorption g/100g(%)	耐光性 Light	耐热性 (°C) Heat	耐候性 Weather	耐油性 Oil	耐酸性 Acid	耐碱性 Alkali	油墨 Ink			油漆 Paint		塑料橡胶 Plastics & Rubber	印花色浆 Textile Printing
												胶印 Offset	水性 Water base	溶剂性 Solvent base	溶剂性 Solvent base	水性 Water base		
		"3130 永固红 F2R Fast Red F2R"	P.R.2	6.5	≤ 45	7	190	6	3	5	4	○	●			○	○	●
		"3138 甲苯胺大红 RN Fast Red RN"	P.R.3	7	≤ 45	8	160	7	5	5	3	○	○	○	●	●	○	●
		"3140 银朱红 R Fast Red R"	P.R.4	7	≤ 35	7	160	6	3	4	4	○	●	○	○	○		●
		"3149 永固红 F4R Fast Red F4R"	P.R.8	7	≤ 45	6	160	6	4	4	4	●	●			●	○	●
		"3172 甲苯胺紫红 Fast Red Toluidine"	P.R.13	7	≤ 45	8	160	8	5	5	5		○	○	●	●	○	○
		"3132 大粉红 2R Fast Red 2R"	P.R.21	6	≤ 45	8	160	7	3	5	5		○		●	●	○	○
		"208 大粉红 2R Fast Red 2R"	P.R.21	6	≤ 45	8	160	7	3	5	5		○		●	●	○	○
		"3117 耐晒亮红 N Fast Red N"	P.R.22	7	≤ 45	6	150	6	3	5	5	○	●			○	○	●
		"3193 坚固玫瑰红 Fast Rose Red"	P.R.23	7	≤ 45	6	150	6	5	5	5		●			○	○	●
		"3196 红菁莲 BFFast Robber Bordeaux BF"	P.R.31	7	≤ 45	8	160	8	5	5	5	○	●	●	●	●	●	●
		"3118 耐晒大红 BBN Fast Scarlet BBN"	P.R.48:1	7.5	≤ 45	8	180	7	5	5	3	●	●			●	○	●
		"3118 耐晒大红 BBN-P Fast Scarlet BBN-P"	P.R.48:1	7.5	≤ 45	8	180	7	5	5	3	○	○	●	○	○	●	○
		"3120 耐晒大红 BBC Fast Red BBC"	P.R.48:2	7	≤ 45	8	180	7	5	5	3	●	○		○	○	●	●
		"3120 耐晒大红 2BP Fast Red 2BP"	P.R.48:2	7	≤ 45	8	200	8	5	5	4						●	
		"3120 耐晒大红 2BXL Fast Red 2BXL"	P.R.48:2	7	≤ 45	8	180	8	5	5	4		●	●				
		"3120 耐晒大红 1450G Fast Red 1450G"	P.R.48:2	7	≤ 45	8	180	8	5	5	4		●	●				
		"3120 耐晒大红 1450PG Fast Red 1450PG"	P.R.48:2	7	≤ 45	8	180	8	5	5	4		●	●				
		"3119 耐晒大红 2BS Fast Red 2BS"	P.R.48:3	7	≤ 45	8	190	8	5	5	4	●	○		○	○	○	○
		"3119 耐晒大红 2BS-P Fast Red 2BS-P"	P.R.48:3	7	≤ 45	8	200	8	5	5	4			●	●		●	

• Red 有机颜料红

色样 Color Shade		产品名称 Product Name	颜料索引号 Color Index No.	物化数据 Physical Data		牢度 Fastness						应用范围 Range of Application							
原色 Full Color	冲淡色 Reduced Color			PH 值 PH Value	吸油量 Oil Absorption g/100g(%)	耐光性 Light	耐热性 (°C) Heat	耐候性 Weather	耐油性 Oil	耐酸性 Acid	耐碱性 Alkali	油墨 Ink			油漆 Paint			塑料橡胶 Plastics & Rubber	印花色浆 Textile Printing
												胶印 Offset	水性 Water base	溶剂性 Solvent base	溶剂性 Solvent base	水性 Water base			
		"3126 耐晒大红 BBM Fast Red BBM"	P.R.48:4	7	≤ 45	8	200	8	5	5	5	●	●	○	○	○	●	○	
		"3144 立索尔大红 R Fast Lithol Red R"	P.R.49:1	7	≤ 45	6	160	6	3	5	4	●				○	○		
		"3144 立索尔大红 R-W Fast Lithol Red R-W"	P.R.49:1	7	≤ 45	6	160	6	4	5	4		●					●	
		"3144 立索尔大红 RB Fast Lithol Red RB"	P.R.49:2	7	≤ 45	6	160	6	4	5	4	●	○	○	○	○	○	○	
		"3110 金光红 C Fast Lake Red C"	P.R.53:1	7	≤ 45	6	160	6	5	5	5	●	●			○	○	○	
		"3110 金光红 C-P Fast Lake Red C-P"	P.R.53:1	7	≤ 45	6	180	6	5	5	5						●		
		"3110 金光红 C-SNL Fast Lake Red C-SNL"	P.R.53:1	7	≤ 45	6	160	6	5	5	5			●	●				
		"3160 颜料宝红 4BP Fast Rubine 4BP"	P.R.57:1	7	≤ 45	6	200	6	5	4	4						●		
		"3160 颜料宝红 4BGL Fast Rubine 4BGL"	P.R.57:1	7	≤ 45	6	170	6	5	4	4			●	●				
		"3160 颜料宝红 4BL Fast Rubine 4BL"	P.R.57:1	7	≤ 55	6	170	6	5	4	4			●	●				
		"3160 颜料宝红 1404B Fast Rubine 1404B"	P.R.57:1	7	≤ 45	6	170	5-6	5	4	4			●	●				
		"3160 颜料宝红 1404R Fast Rubine 1404R"	P.R.57:1	7	≤ 45	6	170	5-6	5	5	4			●	●				
		"3160 颜料宝红 6B-300 Fast Rubine 6B-300"	P.R.57:1	7	≤ 45	6	170	5-6	5	4	4			●	●				
		"3160 颜料宝红 SMA Fast Rubine SMA"	P.R.57:1	7	≤ 45	6	170	6	5	4	4	●							
		"3160 颜料宝红 RWD Fast Rubine RWD"	P.R.57:1	7	≤ 45	6	170	6	5	4	4	●							
		"3160 颜料宝红 RWN Fast Rubine RWN"	P.R.57:1	7	≤ 45	6	160	6	5	4	4	●							
		"3160 颜料宝红 A6B Fast Rubine A6B"	P.R.57:1	7	≤ 45	6	170	6	5	4	4	○	○	○	○	○	○	○	
		"3160 颜料宝红 BK Fast Rubine BK"	P.R.57:1	7	≤ 45	6	170	6	5	4	4	○	○	○	○	○	○	○	
		"3160 颜料宝红 BK-W Fast Rubine BK-W"	P.R.57:1	7	≤ 45	6	170	6	5	4	4		●					●	
		"3165 耐晒紫红 2R Fast Bordeaux 2R"	P.R.63:1	7	≤ 45	6	150	6	5	4	4	○	○			●	○		

• Red 有机颜料红


















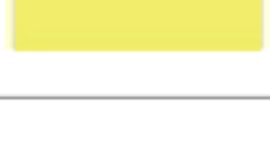


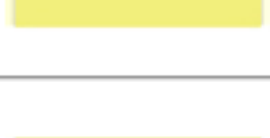



色样 Color Shade		产品名称 Product Name	颜料索引号 Color Index No.	物化数据 Physical Data		牢度 Fastness						应用范围 Range of Application						
原色 Full Color	冲淡色 Reduced Color			PH 值 PH Value	吸油量 Oil Absorption g/100g(%)	耐光性 Light	耐热性 (°C) Heat	耐候性 Weather	耐油性 Oil	耐酸性 Acid	耐碱性 Alkali	油墨 Ink			油漆 Paint		塑料橡胶 Plastics & Rubber	印花色浆 Textile Printing
												胶印 Offset	水性 Water base	溶剂性 Solvent base	溶剂性 Solvent base	水性 Water base		
		"3162 耐晒桃红色原 G Fast Pink Toner G"	P.R.81	7	≤ 45	5	160	5	4	5	2	●	●	●	●	●	○	●
		"3162 耐晒桃红色淀 G Fast Pink Lake G"	P.R.81	7	≤ 45	5	160	5	4	5	2	○	○	○	○	●	○	●
		"3150 永固红 FGR Fast Red FGR"	P.R.112	7	≤ 45	8	190	8	5	5	5	○	●	○	○	○	○	●
		"3122 喹吡啶酮红 E Fast Pink E"	P.R.122	7	≤ 45	8	200	8	5	5	5	○	○	○	○	●	●	●
		"3123 永固桃红 FBB Fast Red FBB C.I."	P.R.146	7	≤ 45	7	190	7	5	4	4	●	●	●	●	●	●	●
		"3269 颜料红 W Fast Red W"	P.R.169	7	≤ 42	4	200	8	5	5	2	○	●	●	○	●	●	●
		"3128 永固红 F2RK Fast Red F2RK"	P.R.170	7	≤ 45	7	190	7	5	5	5	●	●	●	●	●	●	●
		"3128 永固红 F3RK Fast Red F3RK"	P.R.170	7	≤ 45	7	190	7	5	5	5	●	●	●	●	●	●	●
		"3128 永固红 F5RK Fast Red F5RK"	P.R.170	7	≤ 45	7	190	7	5	5	5	●	●	●	●	●	●	●
		" 颜料红 HFT Fast Red HFT"	P.R.175	7	≤ 45	8	310	8	5	5	5	●	●	●	●	●	●	●
		" 颜料红 HF3C Fast Red HF3C"	P.R.176	7	≤ 45	6	300	6	5	5	5	●	●	●	●	●	●	●
		" 颜料红 HF4C Fast Red HF4C"	P.R.185	7	≤ 45	7	300	7	5	5	5	●	●	●	●	●	●	●
		" 颜料红 HF3S Fast Red HF3S"	P.R.188	7	≤ 45	8	300	8	5	5	5	●	●	●	●	●	●	●
		" 颜料红 HF2B Fast Red HF2B"	P.R.208	7	≤ 55	7	300	7	5	5	5	●	●	●	●	●	●	●
		" 颜料红 DPP Fast Red DPP"	P.R.254	7	≤ 55	8	260	8	5	5	5	●	●	●	●	●	●	●
		"耐晒红 P-F7RK Fast Red P-F7RK"	P.R.266	7	≤ 55	6	190	6	5	5	5	●	●	●	●	●	●	●



• Yellow 有机颜料黄

色样 Color Shade		产品名称 Product Name	颜料索引号 Color Index No.	物化数据 Physical Data		牢度 Fastness						应用范围 Range of Application							
原色 Full Color	冲淡色 Reduced Color			PH 值 PH Value	吸油量 Oil Absorption g/100g(%)	耐光性 Light	耐热性 (°C) Heat	耐候性 Weather	耐油性 Oil	耐酸性 Acid	耐碱性 Alkali	油墨 Ink			油漆 Paint			塑料橡胶 Plastics & Rubber	印花色浆 Textile Printing
												胶印 Offset	水性 Water base	溶剂性 Solvent base	溶剂性 Solvent base	水性 Water base			
		"1125 耐晒黄 G CR Yellow G"	P.Y.1	6-7	≤ 45	7	160	7	5	5	5	●	●	○	○	●	○	●	
		"1104 耐晒黄 10G CR Yellow 10G"	P.Y.3	6.5	≤ 45	7	160	7	4	5	5	●	●	○	○	○	○	●	
		"1138 联苯胺黄 G Benzidine Yellow G"	P.Y.12	7	≤ 45	5	160	5	5	5	5	●	●		○	○	○	○	
		"1138 联苯胺黄 G-B Benzidine Yellow G-B"	P.Y.12	7	≤ 45	5	160	5	5	5	5	●	●					●	
		"1138 联苯胺黄 G-R Benzidine Yellow G-R"	P.Y.12	7	≤ 45	5	160	5	5	5	5	●	●	○	○	○	●	●	
		"1138 联苯胺黄 G-PP Benzidine Yellow G-PP"	P.Y.12	7	≤ 45	5	160	5	5	5	5			●					
		"1138 联苯胺黄 G-PA Benzidine Yellow G-PA"	P.Y.12	7	≤ 45	5	160	5	5	5	5		○				●	○	
		"1138 联苯胺黄 G-HR Benzidine Yellow G-HR"	P.Y.12	7	≤ 45	5	160	5	5	5	5	●	○	○	○	●	○	○	
		"1134 永固黄 GR Fast Yellow GR"	P.Y.13	7	≤ 45	5	160	5	5	5	5	●	○	○	○	○	●	○	
		"1134 永固黄 GR-NC(透明) Fast Yellow GR-NC(Tr)"	P.Y.13	7	≤ 45	5	160	5	5	5	5			○					
		"1134 永固黄 GR-W Fast Yellow GR-W"	P.Y.13	7	≤ 45	5	160	5	5	5	5		●					●	
		"1114 永固黄 2GS Fast Yellow 2GS"	P.Y.14	7	≤ 45	5	160	5	5	5	5	●	○	○	○	○	●	●	
		"1114 永固黄 2GS-W Fast Yellow 2GS-W"	P.Y.14	7	≤ 45	5	160	5	5	5	5		●					●	
		"1114 永固黄 2GS-PP Fast Yellow 2GS-PP"	P.Y.14	7	≤ 45	5	160	5	5	5	5			●					

• Yellow 有机颜料黄

色样 Color Shade		产品名称 Product Name	颜料索引号 Color Index No.	物化数据 Physical Data		牢度 Fastness						应用范围 Range of Application							
原色 Full Color	冲淡色 Reduced Color			PH 值 PH Value	吸油量 Oil Absorption g/100g(%)	耐光性 Light	耐热性 (°C) Heat	耐候性 Weather	耐油性 Oil	耐酸性 Acid	耐碱性 Alkali	油墨 Ink			油漆 Paint			塑料橡胶 Plastics & Rubber	印花色浆 Textile Printing
												胶印 Offset	水性 Water base	溶剂性 Solvent base	溶剂性 Solvent base	水性 Water base			
		"1160 永固黄 HR-S(透明) Fast Yellow HR-S(Tr)"	P.Y.83	6.5	≤ 45	7	190	7	4-5	4-5	4-5	●	●	●	●	●	●	●	
		"1160 永固黄 OP206(遮盖) Fast Yellow OP206"	P.Y.83	6.5	≤ 45	8	210	8	5	5	5		○	○	●	●	○	○	
		"耐晒黄 FGL Fast Yellow"	P.Y.97	7	≤ 45	7	200	7	4	5	5	○	○	○	●	●	●	○	
		"颜料黄 110 Fast Yellow 110"	P.Y.110	7	≤ 45	8	220	8	5	5	5	○	○	○	○	○	●	○	
		"颜料黄 127 Fast Yellow 127"	P.Y.127	7-8	≤ 45	6	160	6	5	5	5	●	●	●	●	●	○	○	
		"颜料黄 138 Fast Yellow 138"	P.Y.138	8	≤ 45	8	290	8	5	5	5	●	●	●	●	●	●	●	
		"永固黄 K1841 Fast Yellow K1841"	P.Y.139	8	≤ 45	8	270	8	5	5	5	○	○	○	○	○	●	○	
		"永固黄 L2140-HD Fast Yellow L2140-HD"	P.Y.139	8	≤ 45	8	270	8	5	5	5	●	●	●	●	●	○	●	
		"颜料黄 E4G Fast Yellow E4G"	P.Y.150	7	≤ 45	8	210	8	4	4	4	●	●	●	●	●	○	●	
		"颜料黄 5GN Fast Yellow 5GN"	P.Y.150	7	≤ 45	8	210	8	4	4	4	○	○	○	○	○	●	○	
		"汉沙黄 H4G Fast Yellow H4G"	P.Y.151	7	≤ 45	8	210	8	5	5	5	●	●	●	●	●	●	●	
		"永固黄 H3G Fast Yellow H3G"	P.Y.154	7	≤ 45	8	180	8	5	5	5	●	●	●	●	●	●	●	
		"颜料黄 K-5G Fast Yellow K-5G"	P.Y.168	7	≤ 45	7	220	7	5	5	4	○	○	○	○	○	●	○	
		"颜料黄 174 Fast Yellow 174"	P.Y.174	7	≤ 45	6	190	6	5	5	5	●	○	○	○	○	○	●	

• Yellow 有机颜料黄

色样 Color Shade		产品名称 Product Name	颜料索引号 Color Index No.	物化数据 Physical Data		牢度 Fastness						应用范围 Range of Application							
原色 Full Color	冲淡色 Reduced Color			PH 值 PH Value	吸油量 Oil Absorption g/100g(%)	耐光性 Light	耐热性 (°C) Heat	耐候性 Weather	耐油性 Oil	耐酸性 Acid	耐碱性 Alkali	油墨 Ink			油漆 Paint			塑料橡胶 Plastics & Rubber	印花色浆 Textile Printing
												胶印 Offset	水性 Water base	溶剂性 Solvent base	溶剂性 Solvent base	水性 Water base			
		"1114 永固黄 2GS-PA(透明) Fast Yellow 2GS-PA Tr"	P.Y.14	7	≤ 45	5	160	5	5	5	5			◎					
		"1124 永固黄 2G Fast Yellow 2G"	P.Y.17	7	≤ 45	7	160	7	5	5	5			●			●		
		"1145 永固黄 2RN Fast Yellow 2RN"	P.Y.55	7	≤ 45	8	160	8	4	5	5	◎	●	◎	◎	◎	◎	●	
		"1131 颜料黄 62 Pigment Yellow 62"	P.Y.62	7	≤ 45	7	190	7	5	5	5	◎	◎	◎	◎	◎	●	◎	
		"1134 永固黄 RN Fast Yellow RN"	P.Y.65	6.5	≤ 45	8	160	8	5	5	5	◎	●	◎	●	●	●	●	
		"1135 耐晒黄 4GX Fast Yellow 4GX"	P.Y.73	7	≤ 45	8	190	8	5	5	5	●	◎	◎	●	●	●	●	
		"1136 耐晒黄 OP-180 遮盖 Fast Yellow OP-180"	P.Y.74	7	≤ 45	8	200	8	5	5	5	◎	◎	◎	●	●	◎	●	
		"1136 耐晒黄 5GX-T(透明) Fast Yellow 5GX-T Tr"	P.Y.74	7	≤ 40	8	200	8	5	5	5	●	●	●		◎	●	◎	
		"1137 汉沙黄 RX Hansa Yellow RX"	P.Y.75	6.5	≤ 45	8	160	8	5	5	5	●	●	◎	◎	●	◎	●	
		"联苯胺黄 10G Benzidine Yellow 10G"	P.Y.81	7	≤ 45	8	190	8	5	5	5	◎	◎	◎	◎	◎	●	●	
		"1160 永固黄 HR02(半透明) Fast Yellow HR Semi-Tr"	P.Y.83	6.5	≤ 45	8	210	8	5	5	5	●	●	●	●	●	●	●	
		"1160 永固黄 HR(透明) Fast Yellow HR(Tr)"	P.Y.83	6.5	≤ 45	8	210	8	5	5	5	●	●	●	●	●	●	●	
		"1160 永固黄 HR02-S 半透明 Fast Yellow HR02-S Semi-Tr"	P.Y.83	6.5	≤ 45	7	190	7	4-5	4-5	4-5	●	●	●	●	●	●	●	

• Yellow 有机颜料黄

色样 Color Shade		产品名称 Product Name	颜料索引号 Color Index No.	物化数据 Physical Data		牢度 Fastness						应用范围 Range of Application							
原色 Full Color	冲淡色 Reduced Color			PH值 PH Value	吸油量 Oil Absorption g/100g(%)	耐光性 Light	耐热性 (°C) Heat	耐候性 Weather	耐油性 Oil	耐酸性 Acid	耐碱性 Alkali	油墨 Ink			油漆 Paint			塑料橡胶 Plastics & Rubber	印花色浆 Textile Printing
												胶印 Offset	水性 Water base	溶剂性 Solvent base	溶剂性 Solvent base	水性 Water base			
		" 颜料黄 GRX Fast Yellow GRX"	P.Y.176	7	≤ 45	6	210	6	4	5	5	●	●	○	○	○	○	●	
		" 颜料黄 180 Fast Yellow 180"	P.Y.180	7	≤ 45	7	300	7	5	5	5	○	○	○	○	○	●	○	
		" 颜料黄 K-2270 Fast Yellow K-2270"	P.Y.183	7-8	≤ 45	7	280	7	5	5	5	○	○	○	○	○	●	○	
		" 颜料黄 HGR Fast Yellow HGR"	P.Y.191		≤ 45	7	300	7	5	5	5		○	○	○	○	●	○	

• Orange 有机颜料橙

色样 Color Shade		产品名称 Product Name	颜料索引号 Color Index No.	物化数据 Physical Data		牢度 Fastness						应用范围 Range of Application							
原色 Full Color	冲淡色 Reduced Color			PH值 PH Value	吸油量 Oil Absorption g/100g(%)	耐光性 Light	耐热性 (°C) Heat	耐候性 Weather	耐油性 Oil	耐酸性 Acid	耐碱性 Alkali	油墨 Ink			油漆 Paint			塑料橡胶 Plastics & Rubber	印花色浆 Textile Printing
												胶印 Offset	水性 Water base	溶剂性 Solvent base	溶剂性 Solvent base	水性 Water base			
		2166 耐晒橙 RN Fast Orange RN	P.O.5	6	≤ 40	7	160	7	5	5	5	○	○	○	●	●		○	
		1151 永固桔黄 G Fast Orange G	P.O.13	6	≤ 45	5	160	6	4	4	4	●	●	○	○	○	●	●	
		1151 永固桔黄 G-R Fast Orange G-R	P.O.13	6	≤ 45	5	160	6	4	4	4	○	○	●	○	○	●	●	
		1152 永固橙 GRN(半透明) Fast Orange GRN(Semi-Tr)	P.O.16	7	≤ 45	7	180	7	5	5	5	●	●	○	○	●	●	●	
		1152 永固橙 GRN-P(透明) Fast Orange GRN-P(Tr)	P.O.16	7	≤ 45	7	180	7	5	5	5	○	○	●	○	○	●	○	
		1156 永固橙 RL(半透明) Fast Orange RL(Semi-Tr)	P.O.34	7	≤ 45	7	185	7	3	5	5	●	●	○	●	●	●	●	
		1156 永固橙 RL-T(透明) Fast Orange RL-T(Tr)	P.O.34	7	≤ 45	7	185	7	3	5	5	○	○	●	○	○	○	○	
		1156 永固橙 OP-213(遮盖) Fast Orange OP-213	P.O.34	7	≤ 45	6	160	6	4	5	5		○	○	●	●	○	○	
		" 颜料橙 64 Pigment Orange 64"	P.O.64	7	≤ 50	7	200	6	5	5	5	●	●	●	●	●	●	●	

• Violet 有机颜料紫

色样 Color Shade		产品名称 Product Name	颜料索引号 Color Index No.	物化数据 Physical Data		牢度 Fastness						应用范围 Range of Application						
原色 Full Color	冲淡色 Reduced Color			PH 值 PH Value	吸油量 Oil Absorption g/100g(%)	耐光性 Light	耐热性 (°C) Heat	耐候性 Weather	耐油性 Oil	耐酸性 Acid	耐碱性 Alkali	油墨 Ink			油漆 Paint		塑料橡胶 Plastics & Rubber	印花色浆 Textile Printing
												胶印 Offset	水性 Water base	溶剂性 Solvent base	溶剂性 Solvent base	水性 Water base		
		"3263 耐晒玫瑰色原 Fast Rose Toner"	P.V.1	6	≤ 45	7	130	7	3	5	2	●	●	●	●		●	
		"3263 耐晒玫瑰色淀 B Fast Rose Lake B"	P.V.1	6	≤ 50	7	130	7	3	5	2	○	○	●	○	○	○	●
		"6250 耐晒青莲色原 R Fast Violet Toner R"	P.V.3	6	≤ 45	5	130	5	5	4	3	●	●	●	●		○	●
		"6240 耐晒青莲色淀 Fast Violet Lake"	P.V.3	6	≤ 50	5	130	5	5	4	3	○	●	○	●	○	○	●
		"喹吖啶酮紫 4R Fast Violet 4R"	P.V.19	7	≤ 45	8	190	8	5	5	5	●	●	●	●	●	●	●
		"6520 永固紫 RL(蓝相) Fast Violet RL (Bluish)"	P.V.23	7.5	≤ 40	8	180	8	5	5	5	●	●	●	●	●	●	●
		"6520 永固紫 RL(红相) Fast Violet RL (Reddish)"	P.V.23	7.5	≤ 40	8	180	8	5	5	5	●	●	●	●	●	●	●
		"6520 永固紫 RL(红相) Fast Violet RL (Reddish)"	P.V.27	6-8	≤ 50	4	120	4-4.5	3	4	3	●	●	●	○	●	○	○

• Blue & Green 有机颜料蓝&绿

色样 Color Shade		产品名称 Product Name	颜料索引号 Color Index No.	物化数据 Physical Data		牢度 Fastness						应用范围 Range of Application						
原色 Full Color	冲淡色 Reduced Color			PH 值 PH Value	吸油量 Oil Absorption g/100g(%)	耐光性 Light	耐热性 (°C) Heat	耐候性 Weather	耐油性 Oil	耐酸性 Acid	耐碱性 Alkali	油墨 Ink			油漆 Paint		塑料橡胶 Plastics & Rubber	印花色浆 Textile Printing
												胶印 Offset	水性 Water base	溶剂性 Solventbase	溶剂性 Solventbase	水性 Water base		
		4238 耐晒品蓝色原 R Fast Blue Toner R	P.R.1	7	≤ 50	5	160	6	3	4	4	●	●	●	○	○	○	●
		4235 耐晒品蓝色淀 BO Fast Blue Lake BO	P.R.1	7	≤ 45	5	160	5	3	4	4	○	○	○	●	●	○	○
		4352 酞青蓝 B Phthalo Blue B	P.B 15:0	7	≤ 45	8	170	8	5	5	5	●	●	●	●	●	●	●
		4372 酞青蓝 BS Phthalo Blue BS	P.B 15:1	7	≤ 40	8	170	8	5	5	5	●	●	●	●	●	●	●
		4382 酞青蓝 BGS Phthalo Blue BGS	P.B 15:3	7	≤ 45	8	170	8	5	5	5	●	●	●	●	●	●	●
		4392 酞青蓝 BGSF Phthalo Blue BGSF	P.B 15:4	7	≤ 45	8	170	8	5	5	5	●	●	●	●	●	●	●
		4231 耐晒湖蓝色淀 Fast Blue Lake	P.B.17	7	≤ 30	6	100	6	4	3	3	●	●	●	●	●	○	●
		颜料蓝 60 Fast Blue 60	P.B.60	7	≤ 45	8	200	8	5	5	5	●	●	●	○	●	○	●
		5319 酞青绿 G Phthalo Green G	P.G.7	7	≤ 45	7	170	7	5	5	5	●	●	●	●	●	●	●

2 Inorganic pigment | 无机颜料

• Iron oxide 氧化铁

氧化铁	型号 Type	原色 Full shade	氧化锌成淡色 (1:10) Zno Reduction	含量 Fe2O3 (%)	吸油量 Oilabsorption (m1/100g)	筛余物 Res. on325 mesh (%)	水溶物 Water sol. Salts(%)	水份 Moisture (%)	PH 值 PH value	密度 Tamped apparent density g/ cm3	粒子形状 Particle shape	色差 compared with std.	着色力 Tinting strength
氧化铁红	101			≥ 96	15-25	≤ 0.3	≤ 0.3	≤ 1.0	3-7	0.7-1.1	sphericsl	≤ 1	95-105
氧化铁红	110			≥ 96	15-25	≤ 0.3	≤ 0.3	≤ 1.0	3-7	0.7-1.1	sphericsl	≤ 1	95-105
氧化铁红	120			≥ 96	15-25	≤ 0.3	≤ 0.3	≤ 1.0	3-7	0.7-1.1	sphericsl	≤ 1	95-105
氧化铁红	130			≥ 96	15-25	≤ 0.3	≤ 0.3	≤ 1.0	3-7	0.7-1.1	sphericsl	≤ 1	95-105
氧化铁红	140			≥ 96	15-25	≤ 0.3	≤ 0.3	≤ 1.0	3-7	0.9-1.3	sphericsl	≤ 1	95-105
氧化铁红	160			≥ 96	15-25	≤ 0.3	≤ 0.3	≤ 1.0	3-7	1.0-1.4	sphericsl	≤ 1	95-105
氧化铁红	180			≥ 96	15-25	≤ 0.3	≤ 0.3	≤ 1.0	3-7	1.3-1.7	sphericsl	≤ 1	95-105
氧化铁红	190			≥ 96	15-25	≤ 0.3	≤ 0.3	≤ 1.0	3-7	0.7-1.1	sphericsl	≤ 1	95-105
氧化铁黄	311			≥ 86	25-35	≤ 0.3	≤ 0.3	≤ 1.0	3-7	0.4-0.6	acicular	≤ 1	95-105
氧化铁黄	313			≥ 86	25-35	≤ 0.3	≤ 0.3	≤ 1.0	3-7	0.4-0.6	acicular	≤ 1	95-105
氧化铁黄	586			≥ 86	25-35	≤ 0.3	≤ 0.3	≤ 1.0	3-7	0.4-0.6	acicular	≤ 1	95-105
氧化铁黄	810			≥ 86	25-35	≤ 0.3	≤ 0.3	≤ 1.0	3-7	0.4-0.6	acicular	≤ 1	95-105
氧化铁橙	960			≥ 88	20-30	≤ 0.3	≤ 0.3	≤ 1.0	3-7	0.4-0.6	irregular	≤ 1	95-105
氧化铁橙	2040			≥ 88	20-30	≤ 0.3	≤ 0.3	≤ 1.0	3-7	0.4-0.6	irregular	≤ 1	95-105
氧化铁黑	318			≥ 90	15-25	≤ 0.5	≤ 0.5	≤ 1.5	5-8	0.9-1.2	spherical	≤ 1	95-105
氧化铁黑	330			≥ 90	15-25	≤ 0.5	≤ 0.5	≤ 1.5	5-8	0.9-1.2	spherical	≤ 1	95-105
氧化铁黑	740			≥ 90	15-25	≤ 0.5	≤ 0.5	≤ 1.5	5-8	0.9-1.2	spherical	≤ 1	95-105
氧化铁黑	750			≥ 90	15-25	≤ 0.5	≤ 0.5	≤ 1.5	5-8	0.9-1.2	spherical	≤ 1	95-105
氧化铁棕	610			≥ 88	20-30	≤ 0.3	≤ 0.5	≤ 1.0	4-7	0.7-1.1	irregular	≤ 1	95-105
氧化铁棕	663			≥ 88	20-30	≤ 0.3	≤ 0.5	≤ 1.0	4-7	0.7-1.1	irregular	≤ 1	95-105
氧化铁棕	686			≥ 88	20-30	≤ 0.3	≤ 0.5	≤ 1.0	4-7	0.7-1.1	irregular	≤ 1	95-105
氧化铁棕	841			≥ 88	20-30	≤ 0.3	≤ 0.5	≤ 1.0	4-7	0.7-1.1	irregular	≤ 1	95-105
复合铁绿	835				25-35	≤ 0.3	≤ 2.0	≤ 1.0	≥ 6.0	0.4-0.8	irregular	≤ 1	95-105
复合铁绿	5605				25-35	≤ 0.3	≤ 2.0	≤ 1.0	≥ 6.0	0.4-0.8	irregular	≤ 1	95-105
氧化铁蓝	025			≥ 80	20-30	≤ 0.3	≤ 0.5	≤ 2	5-9	0.8-1.2	irregular	≤ 1	95-105

• Ultramarine blue 群青

产品型号 Product Name	色卡 Color Shade	应用领域 Range of Application						
		涂料 Coating	油漆 Paint	油墨 Ink	橡胶 Rubber	塑料 Plastic	色浆 Millbase	色砂 Smalt
CR462		◆	◆	◆	◆	◆	◆	◆
CR463		◆	◆	◆	◆	◆	◆	◆
CR464		◆	◆	◆	◆	◆	◆	◆
CR465		◆	◆	◆	◆	◆	◆	◆
CR466		◆	◆	◆	◆	◆	◆	◆
CR467		◆	◆	◆	◆	◆	◆	◆
CR468		◆	◆	◆	◆	◆	◆	◆
CR469		◆	◆	◆	◆	◆	◆	◆
CR470		◆	◆	◆	◆	◆	◆	◆
CR471		◆	◆	◆	◆	◆	◆	◆
CR472		◆	◆	◆	◆	◆	◆	◆

• Ultramarine violet 群紫

色卡 Color Shade	产品名称 Product Name	颜料索引号 Color Index No.	产品参数 Parameter											适用范围 Application												
			密度 Density (g/cm ³)	吸油量 Oil Absorption (g/100g)	含水量 Moisture Content (%)	可溶性盐 Soluble Salts (%)	筛余物 Free Soluble (%)	筛余物 Sieve Residue (%)	耐酸性 Acid Resistance	耐碱性 Alkali Resistance	耐光性 Light Fastness	耐热性 Heat Fastness	VC-P	PVC-R	PP	PE	PS	PC	PMMA	ABS	POM	PA	PET	≥PUR	≥PET/PP Spinning 纤维	
	CRV5	P.V.15	2.35	34	<1.30	<0.80	<0.06	<0.06	1-2	3-4	8	300	*	*	●	●	●	○	○	○	○	*	*	○	○	*
	CRV8	P.V.15	2.35	34	<1.30	<0.80	<0.06	<0.06	1-2	3-4	8	300	*	*	●	●	●	○	○	○	○	*	*	○	○	*
	CRV10	P.V.15	2.35	34	<1.30	<0.70	<0.06	<0.06	1-2	3-4	8	300	*	*	●	●	●	○	○	○	○	*	*	○	○	*
	CRL90	P.V.15	2.35	45	<1.30	<0.80	<0.10	<0.10	1-2	3-4	8	300	*	*	●	●	●	○	○	○	○	*	*	○	○	*

● 推荐 /Highly Recommended ○ 适用 /Recommended * 有条件适用 /Conditional Applicable

• Milori blue 华兰

色样 Color Shade		颜料索引号 Color Index No.	物化数据 Physical Data		牢度 Fastness						应用范围 Range of Application					
原色 Full Color	冲淡色 Reduced Color		PH 值 PH Value	吸油量 Oil Absorption g/100g(%)	耐热性 (°C) Heat	耐光性 Light	耐水性 Water	耐油性 Oil	耐酸性 Acid	耐碱性 Alkali	油墨 Ink			油漆 Paint		
										胶印 Offset	溶剂性 Solvent base	水性 Water base	溶剂性 Solvent base	水性 Water base		
		P.B.27	5.5	≤ 48	150	4-5	5	5	4	1	●	●		○		
		P.B.27	5.5	≤ 48	150	4-5	5	5	4	1	●	○		●		
		P.B.27	5.5	≤ 48	150	4-5	5	5	4	1	●	○		●		
		P.B.27	5.5	≤ 48	160	5	5	5	5	2	●	●		●		
		P.B.27	5.5	≤ 48	160	5	5	5	5	1					●	
		P.B.27	5.5	≤ 48	160	4-5	5	5	4	1					●	
		P.B.27	5.5	≤ 48	160	5	5	5	5	1					●	

• Chrome pigment 铬颜料

产品名称 Product Name	颜料索引号 C.I. No.	物化数据 Physical Data		牢度 Fastness						应用范围 Range of Application					
		PH 值 PH Value	吸油量 Oil Absorption	耐光性 Light	耐热性 Heat	耐水性 Water	耐油性 Oil Resistance	耐酸性 Acid	耐碱性 Alkali	油墨 Ink			Coating		
										胶印 Offset ink	溶剂性 Solvent ink	水性 water ink	溶剂性 Solvent -base	水性 Water -base	
LEMON CHROME YELLOW 柠檬铬黄	P.Y.34	4-8	≤ 25	5	180	5	5	4	5	●	●		●		●
LOW CHROME YELLOW 浅铬黄	P.Y.34	4-8	≤ 25	5	180	5	5	4	5	●	●		●		●
MEDIUM CHROME YELLOW 中铬黄	P.Y.34	4-8	≤ 22	5	180	5	5	5	5	●	●		●		●
"SLICA-ENCAPSULATED MEDIUM CHROME YELLOW" 包膜中铬黄	P.Y.34	5.5	≤ 22	7-8	250	5	5	5	5	●	●		●	●	●
DEEP CHROME YELLOW 深铬黄	P.Y.34	4-8	≤ 25	5	180	5	5	4	5	●	●		●		●
ZINC CHROME YELLOW 锌铬黄	P.Y.36	6	≤ 35	6	180	5	5	4	5				●		
MOLYBDATE RED 107 钼铬红 107	P.R.104	5-7	≤ 30	3	180	5	5	4	4	●	●		●		●
MOLYBDATE RED 207 钼铬红 207	P.R.104	5-7	≤ 30	3	180	5	5	4	4	●	●		●		●
MOLYBDATE RED 307 钼铬红 307	P.R.104	5-7	≤ 30	3	180	5	5	4	4	●	●		●		●

• Carbon Black 炭黑

PIGMENT CARBON BLACK		
Product	PRODUCT NAME	RECOMMEND APPLICATION
Paint and Coat	Application Areas Such As Automobile Coatings Wood Coatings And Other High-End Industrial Coatings	Metallic Coatings, Automobile Coatings, Wood Coatings And Other High-End Industrial Coatings, Leather, Plastics
	Carbon Black In Application To Effect Pigment System	Effect Pigment System, Plastic Coating, Car Refurbishing Coating, Metallic Coatings, Wood Coatings
	High Color Carbon Black For Autonotive Coatings	Automobile Coating, Metallic Coatings, Wood Coatings, High-End Industrial Coating, Refinish Paint, Leather, Plastics
	Medium Color General Purpose Carbon Black	Industrial Coatings, Flexo Ink, Gravure Ink, Offset Ink, Screen Ink, Printing Ink, Toner, Masterbatch
	Low Coloring Carbon Black For Tinting Application	Industrial Coatings, Decorative Coatings, Masterbatch
	Inks	For High Gloss And Fluidity Printing Inks
Plastics	High Purity Pigment Carbon Black For Fibre	Fiber, Pet, Pe, Pa, Pp Masterbatch
	Environment Friendly Carbon Black	(Compliant With Usa Fda Regulation) Industrial Coatings, Color Paste, Printing Inks, Master Batch
	Super Cuctive Carbon Black	Superconductor, Conductive Plastics, Conductive Rubber, Antistatic Material, Conductive Coating, Conductive Adhesive And Sealant
	Conductive Carbon Black	Antistatic Pigment Paste, Cable Shielding Material, Conductor, Semi-Conductor, Anti-Static Membrane, Conductive Film
Sealant	Ultrafine Powder Carbon Black Applied In Sealant And Adhesive	Adhesive(Windshield Adhesive/Polyurethane Adhesive), Polyurethane Base Coating, Sealant(Polysulfide And Polyisobutyl Sealant/Epoxy Sealant, /Pvc And Pmma Plastisol Sealant)

• Rutile titanium dioxide 金红石型钛白粉

应用 Application	型号 Type		
Ink	CRI-768	CRI-769	CRI-716
Coating	CRI-718	CRI-740	CRI-721
Plastic	CRI-728	CRI-765	
Masterbatch	CRI-758	CRI-766	

• Anatase titanium dioxide 锐钛型钛白粉

应用 Application	型号 Type
Interior coating, rubber, paper, leather, preparation of titanate	CRA-711
Interior coating, paper, plastic, rubber, ink, leather, paints	CRA-710
Plastic, masterbatch, Interior coating, rubber, printing ink, fiber TiO2	CRA-720

3 Effect pigment | 效果颜料

• Aluminium paste & Bronze powder 铝银浆&铜粉



• Pearlescent pigments & Chameleon 珠光颜料&变色龙



• Fluorescent pigment 荧光颜料



• Photochromic pigment 光致变颜料



• Glow in the dark 发光颜料



• Thermochromic pigment 温变颜料



4 Resin | 树脂



Polyamide-Resin
聚酰胺树脂

PVA
PVA树脂

PVB
PVB树脂

Aldehyde resin
醛树脂

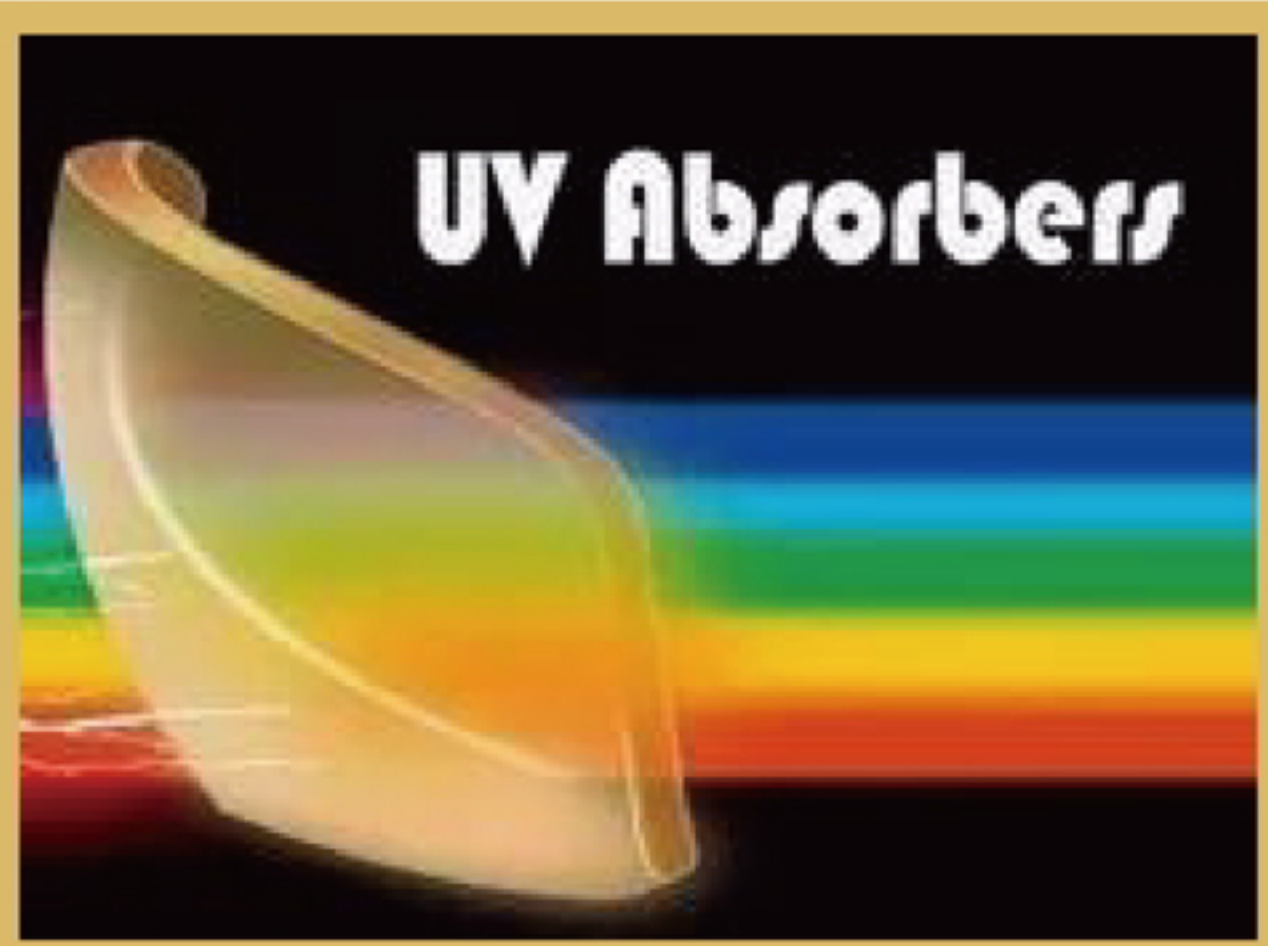
Polyketone resin
聚酮树脂

5 Additive | 添加剂

• Antioxidant 抗氧化剂



• UV Absorber 紫外线吸收剂



• UV Stabilize 紫外线稳定剂



• Photoinitiator 光敏引发剂



6 OBA | 荧光增白剂

Performance Index 性能参数						
Product 产品名称	Appearance 外观	Purity 纯度	Melting point 熔点	Solubility / Fineness 溶解性/牢固度	Application 应用	CAS NO.
OB (FBA 184)	light yellow or milk white powder	≥ 99%	201-205°C	poorly soluble in water, soluble in alkane, mineral oil, and common organic solvents.	in whitening and brightening PVC, polystyrene, polyethylene, polypropylene, thermoplastic plastic, ABS, cellulose acetate fiber, coating, paint, ink, etc.	7128-64-5
OB-1 (FBA 393)	bright yellow green crystalline powder	≥ 98.5%	355-360°C	insoluble in water, soluble in benzene dichloride and other high boiling point organic solvents	in whitening polyester fiber, in whitening and brightening polyester, cotton and other fiber blended fabrics	1533-45-5
FP127 (FBA 378)	light yellow powder	≥ 99%	219-221°C	≥ 300 meshes	in whitening and brightening PVC, PP and other plastic products	40470-68-6
KCB (FBA367)	yellow green crystalline powder	≥ 99.0%	210-212°C	insoluble in water, soluble in common	in whitening and brightening plastic films, injection molding materials, EVA expanded plastics and rubber products	5089-22-5
KSN (FBA 368)	yellow green crystalline powder	≥ 99.0%	335-345°C		in polyester fiber, plastic products, polyamide, polyacrylonitrile, and etc.	5242-49-9
ER-I (FBA 199)	yellow green crystalline powder	≥ 99%	229-231°C		in whitening and brightening polyester fiber. It has favorable whitening and brightening effects to polyethylene, polypropylene, PVC and other plastics and products	13001-39-3
ER-II (FBA 199:1)	light yellow crystalline powder	≥ 99%	184-186°C		in whitening and brightening polyester, polyester/cotton, polyester/yarn, polyester/linen and other blended fabrics	13001-38-2
CBS-X	Yellowish green crystals powder			Max. UV absorption wave length: 348nm+/-1	A good whitening agent for lacquer, soap detergent etc. Also for fiber, dyeing print etc.	27344-41-8
BA	Fine light yellow powder	Impurity content ≤ 0.5%			Mainly applied for paper making	12768-92-2
BBU	Amber transparent liquid			Good water solubility, Good resistance to hard water, Good resistance to peroxide bleach agent.	Used in the process of coating, surface gluing and paper pulp.	16470-24-9

7 PVB Film | PVB膜

PVB Film is manufactured by extrusion with PVB resin, plasticizer and additives.

Normal thickness is 0.38mm, 0.76mm, 1.14mm, 1.52mm.

PVB film own special characteristics such as transparency, impact resistance, high tensile strength, and elasticity, even if the glass cracks, splinters will adhere to the interlayer and not scatter.

These properties make the films and sheets suitable for the manufacture of safety glass.

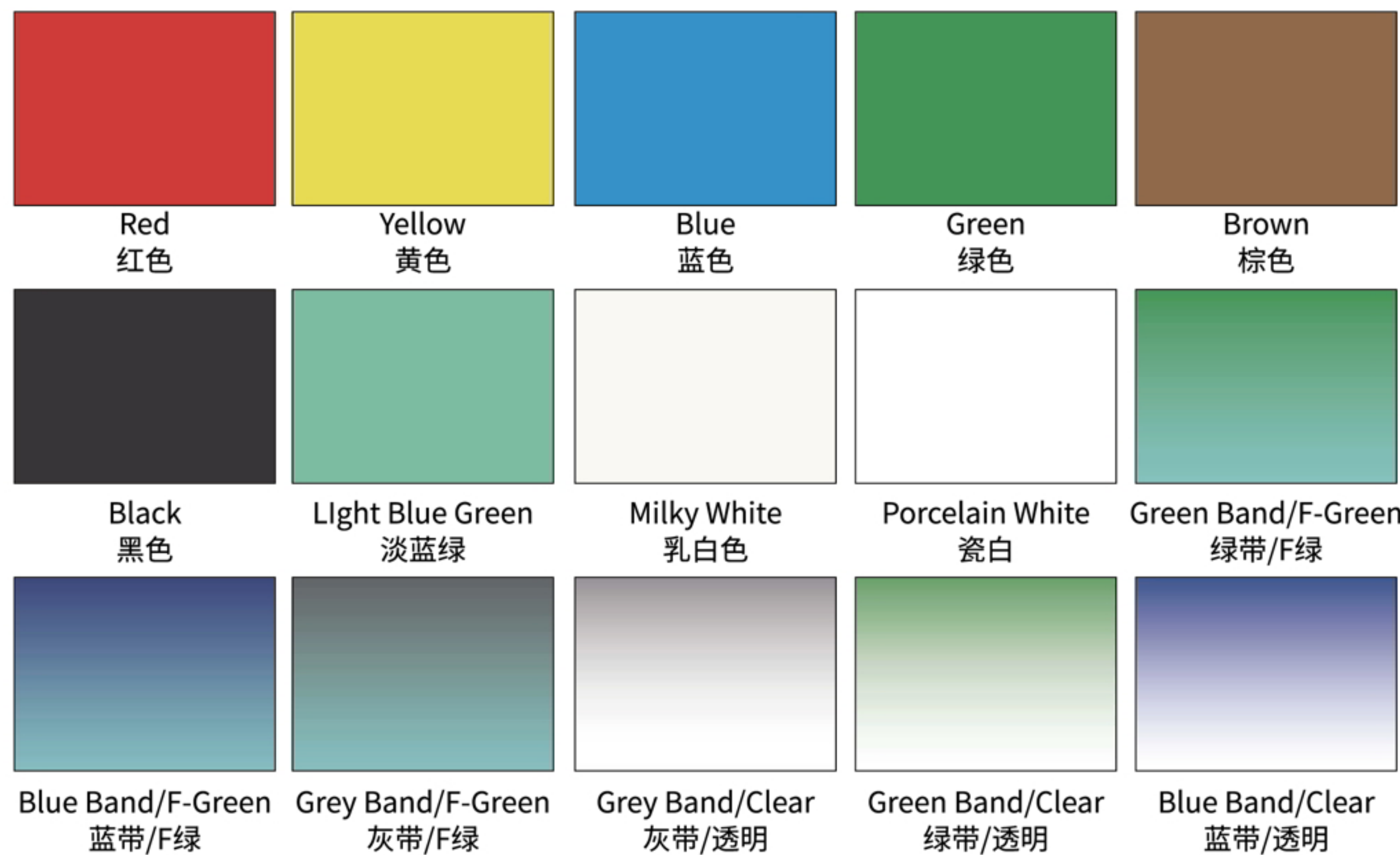
It is primarily used in the production of automotive windshields and the usage of PVB film in building & construction, additionally PVB film can be applied in photovoltaic modules fields.

PVB胶片是由聚乙烯醇缩丁醛(PVB)树脂，经增塑剂塑化挤压而成的一种高分子材料。

PVB胶片又称PVB膜片,常规厚度为0.38mm、0.76mm、1.14mm和1.52mm四种。

对无机玻璃具有良好的粘结性，具有透明、耐热、耐寒、耐湿，机械强度高特性。

PVB胶片表面平整，有很好的拉伸强度和断裂延伸率，并具有优良的施工操作性能，是制造夹层(夹胶)安全玻璃的最佳粘合材料。



• Architecture Grade 建筑级

Items 项目	Specification 规格			
Thickness 厚度	0.38mm	0.76mm	1.14mm	1.52mm
Length 长度	400M/roll	200M/roll	150M/roll	100M/roll
Width 宽度	600-3300mm			
Roughness Rz 粗糙度	15-70			
"Moisture content 水分 (%)"	0.35-0.55			
"Heat shrinkage rate 热收缩率 (60°C /15min) (%)"	≤ 12.0	≤ 8.0	≤ 6.0	≤ 5.0
Pummel value 敲击值	≥ 7			
"Visible light transmittance 可见光透射比 (%)"	≥ 80 (clear)			
Haze 雾度 (%)	≤ 0.6(clear)			
Tensile strength 拉伸强度 (MPa)	≥ 20.0			
"Tensile elongation 断裂伸长率 (%)"	≥ 200			
"Yellowness index 黄色指数 (%)"	≥ 10			

• Automotive Grade 汽车级

Items 项目	Specification 规格
Thickness 厚度	0.76mm/1.14mm/1.52mm
Length 长度	200M/roll/150M/roll/100M/roll
Width 宽度	600-3300mm
Color 颜色	Light Blue 浅蓝
Roughness Rz 粗糙度	15-70
"Moisture content 水分 (%)"	0.35-0.55
"Heat shrinkage rate 热收缩率 (60°C /15min) (%)"	≤ 8.0
Pummel value 敲击值	≥ 7
"Visible light transmittance 可见光透射比 (%)"	≥ 70
Haze 雾度 (%)	≤ 0.6
Blocked Infrared-light 阻隔红外 (%)	≥ 84
Blocked UV-light 阻隔紫外线 (%)	≥ 99
"Solar Heat Gain Coefficient (SHGC) 太阳能透射比 (%)"	≤ 0.6
Tensile strength 拉伸强度 (MPa)	≥ 20.0
"Tensile elongation 断裂伸长率 (%)"	≥ 200
"Yellowness index 黄色指数 (%)"	≤ 10

• Heat Insulated 隔热

Items 项目	Specification 规格
Thickness 厚度	0.76mm
Length 长度	200M/roll
Width 宽度	600-3300mm
Band Width 彩带宽度	120-460mm
Color 颜色	"Blue band 蓝带、Green band 绿带 Grey band 灰带、F-green F 绿"
Roughness Rz 粗糙度	15-70
"Moisture content 水分 (%)"	0.35-0.55
"Heat shrinkage rate 热收缩率 (60°C /15min) (%)"	≤ 8
Pummel value 敲击值	3-6
"Visible light transmittance 可见光透射比 (%)"	≥ 85
Haze 雾度 (%)	≤ 0.4(clear)
Tensile strength 拉伸强度 (MPa)	≥ 20.0
"Tensile elongation 断裂伸长率 (%)"	≥ 200
"Yellowness index 黄色指数 (%)"	≤ 10

8 Solvent dyes | 油溶染料

Red Series	Yellow Series	Orange Series	Violet Series	Blue Series		Brown Series	Green Series
C.I.N.O	C.I.N.O	C.I.N.O	C.I.N.O	C.I.N.O	C.I.N.O	C.I.N.O	C.I.N.O
Solvent Red 8	Solvent Yellow 2	Solvent Orange 2	Solvent Violet 8	Solvent Blue 4	Solvent Black 3	Solvent Brown 12	Solvent Green 3
Solvent Red 23	Solvent Yellow 14	Solvent Orange 3	Solvent Violet 9	Solvent Blue 5	Solvent Black 5	Solvent Brown 41	Solvent Green 5
Solvent Red 24	Solvent Yellow 16	Solvent Orange 7	Solvent Violet 13	Solvent Blue 35	Solvent Black 7	Solvent Brown 43	Solvent Green 7
Solvent Red 25	Solvent Yellow 19	Solvent Orange 45	Solvent Violet 13	Solvent Blue 36	Solvent Black 27	Solvent Brown 43	Solvent Green 28
Solvent Red 32	Solvent Yellow 21	Solvent Orange 52	Disperse Violet 26	Solvent Blue 36	Solvent Black 27	Solvent Brown 53	
Vat Red 41	Solvent Yellow 25	Solvent Orange 54	Disperse Violet 28	Solvent Blue 45	Solvent Black 27		
Solvent Red 49	Solvent Yellow 33	Solvent Orange 60	Solvent Violet 31	Solvent Blue 59	Solvent Black 28		
Solvent Red 52	Solvent Yellow 43	Solvent Orange 62	Solvent Violet 36	Solvent Blue 67	Solvent Black 29		
Solvent Red 109	Solvent Yellow 56	Solvent Orange 63	Solvent Violet 36	Solvent Blue 70	Solvent Black 29		
Solvent Red 111	Solvent Yellow 72	Solvent Orange 86	Solvent Violet 37	Solvent Blue 97	Solvent Black 34		
Solvent Red 119	Solvent Yellow 79	Solvent Orange 99	Solvent Violet 59	Solvent Blue 104			
Solvent Red 122	Solvent Yellow 82	Solvent Orange 105					
Solvent Red 124	Solvent Yellow 93	Solvent Orange 107					
Solvent Red 132	Solvent Yellow 98						
Solvent Red 135	Solvent Yellow 114						
Solvent Red 146	Solvent Yellow 141						
Solvent Red 149	Solvent Yellow 163						
Solvent Red 168	Solvent Yellow 176						
Solvent Red 172	Solvent Yellow 160:1						
Solvent Red 179							
Solvent Red 195							
Solvent Red 196							
Solvent Red 197							
Solvent Red 207							
Solvent Red 218							
Solvent Red 301							
Solvent Red 381							