



## 油溶染料 Solvent dyes

编码 No.	产品名称 Product Name		索引号 Color Index No.	应用参考 Application										耐热性 Heat stability	耐光性 Light Fastness	耐迁移性 Migration Resistance		
				PS	SB	ABS	SAN	PMMA	PC	UPVC	PPO	PET	POM				PA6/PA6.6	PBT
1	透明黄2G	Yellow 2G	Solvent Yellow 2	●	●	●	△	●	△	-	-	-	-	-	-	160℃	3	3-4
2	油溶黄R	Yellow R	Solvent Yellow 14	●	●	-	●	●	●	●	-	-	△	-	-	130℃	3-4	2-3
3	透明黄GC	Yellow GC	Solvent Yellow 16	●	●	●	●	●	●	●	-	-	-	-	-	160℃	3-4	3-4
4	透明黄GR	Yellow GR	Solvent Yellow 18	●	●	●	●	●	△	●	●	△	-	-	△	280℃	7-8	3-4
5	透明黄4G	Yellow 4G	Solvent Yellow 33	●	●	●	●	●	●	●	●	△	-	△	△	300℃	7-8	4-5
6	油溶黄2G	Yellow 2G	Solvent Yellow 56	●	●	●	●	●	●	●	●	-	-	-	-	200℃	5-6	3
7	透明黄3TG	Yellow 3TG	Solvent Yellow 93	●	●	●	●	●	●	●	●	-	-	-	△	300℃	7-8	4-5
8	荧光黄3G	Yellow 3G	Solvent Yellow 98	●	●	●	●	●	●	●	●	△	△	-	△	300℃	6-7	4-5
9	透明黄3R	Yellow 3R	Solvent Yellow 114	●	●	●	●	●	●	●	●	△	△	-	△	300℃	8	4-5
10	荧光黄9GF	Yellow 9GF	Solvent Yellow 145	●	●	●	●	●	△	●	●	△	-	△	△	300℃	7-8	5
11	荧光黄4GF	Yellow 4GF	Solvent Yellow 147	●	●	●	●	●	△	●	●	△	-	△	△	300℃	7-8	5
12	透明黄GHS	Yellow GHS	Solvent Yellow 163	●	●	●	●	●	●	●	●	△	-	-	△	300℃	7-8	4-5
13	透明黄FS	Yellow FS	Solvent Yellow 176	●	●	●	●	●	●	●	●	△	△	-	-	300℃	7-8	4-5
14	油溶黄6G	Yellow 6G	Solvent Yellow 179	●	●	●	●	●	●	●	●	△	△	△	△	300℃	7-8	4-5
15	荧光黄10G	Yellow 10G	Solvent Yellow 185	●	●	●	●	●	△	●	●	●	△	△	△	300℃	6-7	4
16	透明橙3G	Orange 3G	Solvent Orange 60	●	●	●	●	●	●	●	●	●	△	△	△	300℃	7-8	4-5
17	荧光橙GG	Orange GG	Solvent Orange 63	●	●	●	●	●	●	●	●	●	△	●	△	300℃	7-8	4-5
18	透明橙G	Orange G	Solvent Orange 86	●	●	-	●	●	●	●	●	-	△	-	-	240℃	5-6	3-4
19	透明橙R	Orange R	Solvent Orange 107	●	●	●	●	●	●	●	●	●	△	-	△	300℃	7-8	4-5
20	透明红G	Red G	Solvent Red 1	●	●	-	●	●	△	●	●	△	-	△	-	300℃	5-6	3-4
21	透明红BR	Red BR	Solvent Red 3	●	●	-	●	-	△	●	●	△	-	△	-	240℃	5-6	3-4
22	油溶红BSB	Red BSB	Solvent Red 23	●	●	-	●	●	-	●	●	-	△	-	△	260℃	5-6	3-4
23	透明红BB	Red BB	Solvent Red 24	●	●	-	●	●	-	●	●	-	-	-	-	200℃	5	2-3
24	透明红B	Red B	Solvent Red 25	●	●	-	●	●	-	●	●	-	-	-	-	260℃	4-5	3-4
25	油溶红EGN	Red EGN	Solvent Red 26	●	●	-	●	●	-	●	●	-	-	-	-	200℃	5-6	3-4
26	油溶红ES	Red ES	Solvent Red 27	●	●	●	●	●	△	-	-	-	-	-	●	260℃	4-5	3-4
27	油溶红5B	Red 5B	Solvent Red 49	●	●	●	●	●	●	△	-	●	-	-	●	280℃	4-5	3-4
28	荧光红H5B	Red H5B	Solvent Red 52	●	●	△	●	●	●	●	●	△	△	△	△	300℃	7	3-4
29	透明红GS	Red GS	Solvent Red 111	●	●	△	●	△	●	●	●	△	△	-	-	280℃	5-6	3-4
30	透明红EG	Red EG	Solvent Red 135	●	●	●	●	●	●	●	●	●	△	△	△	300℃	7-8	4-5

●推荐 (Recommended)      △限制使用 (Limited Suitability)      -不推荐 (No Recommended)



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				PS	SB	ABS	SAN	PMMA	PC	UPVC	PPO	PET	POM				PA6/PA6.6	PBT
31	透明红TB	Red TB	Solvent Red 145	●	●	●	●	●	●	●	●	△	△	△	△	280℃	5-6	3-4
32	透明红FB	Red FB	Solvent Red 146	●	●	●	●	●	●	●	●	△	△	-	△	280℃	5-6	3-4
33	荧光红HFG	Red HFG	Solvent Red 149	●	●	●	●	●	●	●	●	△	△	△	-	300℃	6-7	4-5
34	透明红HF4G	Red HF4G	Solvent Red 150	●	●	●	●	●	●	●	●	△	△	△	△	300℃	7-8	4-5
35	透明红KLB	Red KLB	Solvent Red 168	●	●	●	●	●	●	●	●	△	△	△	△	300℃	7	4-5
36	透明红E2G	Red E2G	Solvent Red 179	●	●	●	●	●	●	●	●	△	△	△	△	300℃	7	4-5
37	透明红BB	Red BB	Solvent Red 195	●	●	●	●	●	●	●	-	△	-	-	△	300℃	7-8	4-5
38	荧光红BK	Red BK	Solvent Red 196	●	●	●	●	●	●	●	△	●	△	△	●	300℃	6	4-5
39	荧光红GK	Red GK	Solvent Red 197	●	●	●	●	●	△	●	△	●	△	△	△	300℃	7	4-5
40	透明红MGB	Red MGB	Solvent Red 207	●	●	●	●	●	△	●	-	-	-	△	△	300℃	7-8	4-5
41	荧光红5B	Red 5B	Vat Red 41	●	●	△	●	●	△	●	-	-	△	△	-	260℃	5-6	4-5
42	透明绿5B	Green 5B	Solvent Green 3	●	●	●	●	●	●	●	●	△	△	△	△	300℃	7-8	4-5
43	荧光绿8G	Green 8G	Solvent Green 5	●	●	●	●	●	●	●	●	●	△	△	△	300℃	7-8	4-5
44	透明绿3G	Green 3G	Solvent Green 28	●	●	●	●	●	●	●	●	△	-	△	-	300℃	7-8	4-5
45	透明兰2N	Blue 2N	Solvent Blue 35	△	●	△	●	●	-	●	●	△	△	-	-	280℃	5	4
46	透明兰AP	Blue AP	Solvent Blue 36	△	●	△	●	●	△	●	●	△	△	△	△	260℃	5	4
47	油溶蓝RLS	Blue RLS	Solvent Blue 45	●	●	●	●	●	●	●	●	●	△	●	●	300℃	7-8	4-5
48	油溶蓝N	Blue N	Solvent Blue 59	●	●	△	●	●	●	●	●	●	△	●	△	280℃	5-6	4
49	透明兰GP	Blue GP	Solvent Blue 78	●	●	●	●	●	△	●	●	△	△	△	△	280℃	5	4
50	透明兰RR	Blue RR	Solvent Blue 97	●	●	●	●	●	●	●	●	●	△	△	△	300℃	7-8	5
51	油溶蓝4G	Blue 4G	Solvent Blue 101	●	●	●	●	●	●	●	●	●	△	△	△	300℃	7-8	5
52	透明兰R	Blue R	Solvent Blue 104	●	●	●	●	●	●	●	●	●	△	△	△	300℃	7-8	4-5
53	透明兰B	Blue B	Solvent Blue 122	●	●	●	●	●	●	●	●	●	●	●	●	300℃	7-8	5
54	透明紫ER	Violet ER	Solvent Violet 11	△	●	△	●	●	△	●	●	△	-	△	△	260℃	5-6	4-5
55	透明紫B	Violet B	Solvent Violet 13	●	●	●	●	●	●	●	●	△	△	-	△	300℃	5-6	4-5
56	透明紫HBL	Violet HBL	Disperse Violet 26	●	●	△	●	△	△	●	●	△	△	△	△	300℃	7-8	4-5
57	透明紫RR	Violet RR	Disperse Violet 28	●	●	△	●	△	-	△	●	●	△	-	-	300℃	6-7	4-5
58	透明紫RR	Violet RR	Solvent Violet 31	●	●	△	●	△	●	●	●	△	△	△	△	280℃	7-8	4-5
59	透明紫3R	Violet 3R	Solvent Violet 36	●	●	●	●	●	●	●	●	●	△	△	△	300℃	7-8	5
60	透明紫EBL	Violet EBL	Solvent Violet 37	●	●	●	●	●	●	●	●	●	●	●	●	300℃	7-8	5
61	透明紫R	Violet R	Solvent Violet 59	●	●	●	●	-	●	●	●	●	△	-	△	300℃	7-8	4-5
62	透明黑2B	Black 2B	Solvent Black 3	●	●	△	●	△	●	●	●	●	△	△	△	300℃	7	4-5
63	油溶棕RS	Brown RS	Solvent Brown 53	●	●	●	●	△	●	●	●	●	△	△	△	300℃	6-7	3-4

●推荐 (Recommended)      △限制使用 (Limited Suitability)      -不推荐 (No Recommended)



## 油溶染料使用说明

### 一、产品简介:

高级塑料着色剂是各种塑料最理想的着色剂,具有着色力强、耐热性好、耐晒度高、耐酸碱性、耐碱性和色泽鲜艳等优点。目前广泛应用于日用塑料、纱管材料、工业油脂、油漆油墨、色母粒等材料的着色,有些品种适用于化纤、涤纶、尼龙、醋酸纤维等着色纤维。

### 二、使用范围:

高级塑料着色剂属油溶性染料范畴能溶解于有机溶剂,既能单色使用又可以根据需要按一定比例配制成各种色调后使用,均适用于下列各种塑料的染色。

聚苯乙烯  
苯乙烯-丁二烯共聚物  
丙烯腈-丁二烯-苯乙烯共聚物  
苯乙烯-丙烯腈共聚物  
聚甲基丙烯酸酯(有机玻璃)  
聚碳酸酯  
硬质聚氯乙烯  
聚苯撑氧及其共聚物  
(聚对苯二甲酸乙二醇酯)聚酯  
聚甲醛  
尼龙-6  
尼龙-66  
聚对苯二甲酸丁二醇酯

### 三、染料应用:

油溶染料当溶于塑料熔融体时,呈一定的分子状分布。对各种塑料进行着色时,可将一定比例直接加入塑料中均匀拌和即可预塑或模塑,色调浓度可按需要量调配。染料在透明洁净的树脂中,能获得鲜艳的透明色调,若与适量的钛白粉及染料联合使用,可获得半透明或不透明的色调。用量可根据需要商定,透明色调中一般用量在0.02%-0.05%,不透明色调正常用量为0.1%左右。

### 四、质量指标:

耐热性能分别达到240℃-300℃  
耐晒牢度分别为6-7级、7-8级  
耐迁移性分别达到3-4级、4-5级  
着色强度为100%±3%  
水份<1%  
细度通过60目过筛

### 1.BRIEF INTRODUCTION

Higher plastic colorant are most suitable for various plastic materials coloring, with greater color strength, better fastness to heat, light, acid and alkali. This range is generally used in coloring domestic plastic materials, cop tube materials, fat dyeing, lacquers, inks and master batches dyeing. Some of them are suitable for dyeing chemicals fibre, such as dacron, nylon and cellulose acetate fibre.

### 2.APPLICATION

Hight plastic colorant are solvent dyes with good solubility and miscibility in organic solvents. This range can be used in the following materials alone as well as mixed in proportion:

PS(Polystyrene)  
SB(Styrene butadiene copolymer)  
ABS(Acrylonitrile-butadiene-styrene)  
SAN(Styrene acrylonitrile copolymer)  
PMMA(Polymethyl methacrylate)  
PC(Polycarbonate)  
UPVC(Rigid poly(vinyl chloride))  
PPO(Polyphenylene oxide)  
PET(Polyethylene terephthalate)  
POM(Polyoxymethylpene)  
PA 6(Nylon-6)  
PA 66(Nylon-66)  
PBT(Polybutylene terephthalate)

### 3.USAGE

The dye is dissolved in plastic in molecular-distribution. Before molding or preplasticizing, add dyes into plastic materials in proportion and stir thoroughly. The shade can be adjusted in demand. You can obtain transparency color in clear resin, or un-transparency color with titanium pigment. Use dosage: Transparency color around 0.02%-0.05%, Un-transparency color around 0.1%.

### 4.SPECIFICATIONS

Heat fastness:240-300℃  
Light fastness:6-7 or 7-8  
Migration resistance:3-4 or 4-5  
Coloring strength:100%±3  
Moisture:1% max  
Particular size:60 meshes(passed)





# SOLVENT DYESTUFF

## 油溶染料



编码 No.	产品名称 Product Name	索引号 Color Index No.	国内外同类产品 The Equivalents
1	透明黄2G Yellow 2G	Solvent Yellow 2	(KKK)Orient Oil Yellow GG
2	油溶黄R Yellow R	Solvent Yellow 14	(BASF)Orient Oil Yellow 220
3	透明黄GC Yellow GC	Solvent Yellow 16	(BASF)Orient Oil Yellow 148
4	透明黄GR Yellow GR	Solvent Yellow 18	(MRT)Morplas Yellow 9
5	透明黄4G Yellow 4G	Solvent Yellow 33	(BASF)Oplasi Yellow 136
6	油溶黄2G Yellow 2G	Solvent Yellow 56	(BASF)Sudan Yellow 150
7	透明黄3TG Yellow 3TG	Solvent Yellow 93	(BASF)Thernoplast Yellow 104
8	荧光黄3G Yellow 3G	Solvent Yellow 98	(HDC)Elbaplast Fluorescent Yellow G
9	透明黄3R Yellow 3R	Solvent Yellow 114	(BAY)Macrolex Yellow G
10	透明黄GHS Yellow GHS	Solvent Yellow 163	(BASF)Waxoline Yellow 5RRFW
11	透明黄FS Yellow FS	Solvent Yellow 176	(HST)Solvapexm Yellow G
12	油溶黄6G Yellow 6G	Solvent Yellow 179	(BAY)Macrolex Yellow 6G
13	透明橙3G Orange 3G	Solvent Orange 60	(ORIENT)Oplas Orange 230
14	荧光橙GG Orange GG	Solvent Orange 63	(HOE)Hostasol Red GG
15	透明橙G Orange G	Solvent Orange 86	(BASF)Sudan S Orange 261
16	透明橙R Orange R	Solvent Orange 107	(BAY)Macrolex Orange R
17	油溶红BSB Red BSB	Solvent Red 23	(ICI)Orbanol Red BSB
18	透明红BB Red BB	Solvent Red 24	(BASF)Sudan M Red 380
19	透明红B Red B	Solvent Red 25	(KRAS)Krasol Dark Red G



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(SINCE 1992)



编码 No.	产品名称 Product Name	索引号 Color Index No.	国内外同类产品 The Equivalents
20	荧光红H5B Red H5B	Solvent Red 52	(BASF)Waxoline Rubine TR FW
21	透明红GS Red GS	Solvent Red 111	(BASF)Waxoline Red MP EW
22	透明红EG Red EG	Solvent Red 135	(ORIENT)Oplas Red 330
23	透明红FB Red FB	Solvent Red 146	(HDC)Elbaplast Red 3B
24	荧光红HFG Red HFG	Solvent Red 149	(KEY)Keyplast Fluorescent Red G
25	透明红KLB Red KLB	Solvent Red 168	(KEY)Keyplast Red KLB
26	透明红E2G Red E2G	Solvent Red 179	(ORIENT)Oplas Red 338
27	透明红BB Red BB	Solvent Red 195	(BASF)Thernoplast Red 454
28	荧光红BK Red BK	Solvent Red 196	(HDC)Elbaplast Fluorescent Red 2B
29	荧光红GK Red GK	Solvent Red 197	(HDC)Elbaplast Red G
30	透明红MGB Red MGB	Solvent Red 207	(KEY)Keyplast Red M 6B
31	荧光红5B Red 5B	Vat Red 41	(HDC)Elbaplast Red B
32	透明绿5B Green 5B	Solvent Green 3	(BASF)Alizarine Green Base
33	荧光绿8G Green 8G	Solvent Green 5	(BASF)Fluovol Green Gol 084
34	透明绿3G Green 3G	Solvent Green 28	(BASF)Waxoline Green 6GFW
35	透明兰2N Blue 2N	Solvent Blue 35	(BASF)Sudan Blue 670
36	透明兰AP Blue AP	Solvent Blue 36	(BASF)Sudan Blue FB
37	油溶蓝RLS Blue RLS	Solvent Blue 45	(CLARIANT)Estofile Blue S-RLS
38	油溶蓝N Blue N	Solvent Blue 59	(KEY)Keyplast Blue BGP
39	透明兰GP Blue GP	Solvent Blue 78	(HDC)Elbaplast Blue G
40	透明兰RR Blue RR	Solvent Blue 97	(DYSTAR)Macrolex Blue RR
41	油溶蓝4G Blue 4G	Solvent Blue 101	(KEY)Keyplast Blue 4G
42	透明兰R Blue R	Solvent Blue 104	(HDC)Elbaplast Blue R
43	透明兰B Blue B	Solvent Blue 122	(ROSE)Rosaplast BveR
44	透明紫B Violet B	Solvent Violet 13	(BASF)Sicosty Red Blue 68-405
45	透明紫HBL Violet HBL	Disperse Violet 26	(ROSE)Rosaplast Violet E4R
46	透明紫RR Violet RR	Solvent Violet 31	(ORIENT)Kiwalon Polyester Violet 2RE
47	透明紫3R Violet 3R	Solvent Violet 36	(DYSTAR)Macrolex Violet 3R
48	透明紫EBL Violet EBL	Solvent Violet 37	(CLH)Sandoplast Violet EBL
49	透明紫R Violet R	Solvent Violet 59	(BAY)Macrolex Redviolet R
50	透明黑2B Black 2B	Solvent Black 3	(BASF)Neptun Black X60
51	油溶棕RS Brown RS	Solvent Brown 53	(KKK)Polysynthren Brown R