

宝旭化工

Baoxu Chemical

色粉产品册

Colorants Brochure



东莞市宝旭化工科技有限公司

Dongguan Baoxu Chemical Technology Co., Ltd.

关于宝旭化工

东莞市宝旭化工科技有限公司创立于 2008 年，专注色彩与防老化业务，其中色彩业务包括色粉与测色仪（爱色丽代理）；防老化业务包括抗氧化剂、光稳定剂。服务客户包括塑胶、涂料、油墨行业，宝旭化工致力于成为您可信赖的色彩与防老化合作伙伴，宝旭欢迎您随时垂询和交流，宝旭团队将乐意为您服务。

About Baoxu Chemical

Dongguan Baoxu Chemical Technology Co.,Ltd. was established in year 2008, focused on Colorants and Anti-oxidising Additives, Colorants business unit include Pigments and Spectrophotometer and Anti-oxidising business unit include Antioxidants and UV Stabilizers. We server plastics, coating and ink industry, Baoxu chemical committed to be your reliable partner in the two business above. Please feel free to contact us. Our sales and technical staff are always glad to assist.

1 of China's Most Cost-Effective Vendor

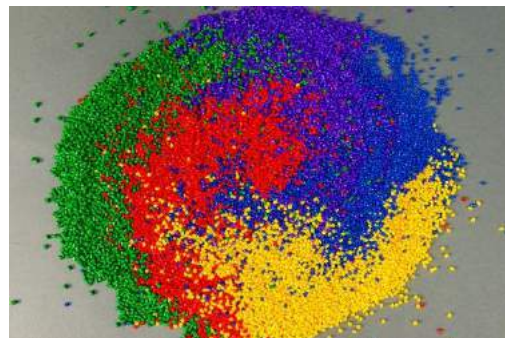
2 Business Units

- ✓ Color: Pigment, Solvent Dye, Optical Brightener
- ✓ Stabilizer: Antioxidant, UV Stabilizer, Flame Retardant

10 Years Served 400+ Factories

12H Email Reply, 7*24 Online Chat

100% Payment & Order Protection for Buyers.



Organic Pigment for Plastics 塑胶用有机颜料

Name 产品名称	C.I.No 索引号	TEMP 耐热性(°C)	Light Fastness 耐晒性	Migration 耐迁移性	Comparable As 对标
Blue 150P	PB-15:0	200	7	5	Economic Grade
Blue 151P	PB-15:1	260	7	4-5	BASF Blue K6902
Blue 153P	PB-15:3	280	7	4-5	BASF Blue K7090
Brown 25P	PBr-25	280	7-8	4-5	Clariant Brown HFR
Green 7P	PG-7	280	8	4-5	BASF K8730
Orange 13P	PO-13	180	5	3	Clariant Orange G
Orange 16P	PO-16	200	5-6	4	Economic Grade
Orange 34P	PO-34	200	6	5	Yellowish
Orange 64P	PO-64	300	7	5	Ciba Orange GP
Orange 73P	PO-73	280	7	5	BASF Orange RA
Red 481P	PR-48:1	220	5-6	5	Ciba NBSP
Red 482P	PR-48:2	200	5-6	5	Ciba 2BP
Red 483P	PR-48:3	230	6	5	Ciba Red 2BSP
Red 531P	PR-53:1	200	3-4	3-4	Clariant Red LC/LG
Red 571P	PR-57:1	220	3-4	4	Ciba Red 4BP
Red 122P	PR-122	280	8	5	Clariant Pink E
Red 170P3	PR-170	200	6	3	Clariant Red F3RK, Yellowish
Red 170P5	PR-170	200	6	4	Clariant Red F5RK, Bluish
Red 185P	PR-185	260	8	5	Clariant HF4C
Red 208P	PR-208	250	7	4-5	Clariant Red HF2B
Red 242P	PR-242	250	7-8	5	Clariant Red 4RF
Red 254P	PR-254	300	8	5	Ciba DDP Red 2030
Red 264P	PR-264	300	8	5	Ciba DDP TR
Red 272P	PR-272	300	7-8	5	Good Properties
Violet 19P	PV-19	280	8	5	Clariant E5B
Violet 23PB	PV-23	260	6	3-4	Bluish
Violet 23PR	PV-23	260	6	3-4	Reddish
Yellow 14PG	PY-14	200	5-6	3-4	Greenish, Yellow 2GS
Yellow 62P	PY-62	250	6-7	4	Ciba Yellow WSR
Yellow 81P	PY-81	220	7	5	Most Greenish, Clariant H10G
Yellow 83PG	PY-83	220	7	5	Greenish, Clariant HR
Yellow 83PR	PY-83	220	7	5	Reddish, Clariant HR02
Yellow 110P	PY-110	280	7	5	Ciba 3RLP
Yellow 138P	PY-138	280	7	5	BASF K0961HD
Yellow 139P	PY-139	250	7	4	BASF K1841
Yellow 150P	PY-150	260	8	5	Special Type
Yellow 151P	PY-151	240	7	5	Clariant Yellow H4G
Yellow 168P	PY-168	230	7	4	Ciba Yellow WGP
Yellow 180P	PY-180	280	7	4	Clariant Yellow HG
Yellow 181P	PY-181	300	7	4	Clariant Yellow H3R
Yellow 183P	PY-183	270	7	4	BASF Yellow K2270
Yellow 191PR	PY-191	260	7	5	Reddish, Clariant HGR

Organic Pigment for Coatings 涂料用有机颜料

Name 产品名称	C.I.No 索引号	TEMP 耐热性	Light Fastness 耐晒性	Automotive 汽车涂料	Architectural 建筑涂料	Industrial 工业涂料	Powder 粉末涂料	Comparable As 对标
Yellow 13C	PY-13	200°C	5-6			●	●	Clariant GR
Yellow 14C	PY-14	200°C	1-5					Reddish
Yellow 55C	PY-55	200°C	5-6			●	●	Reddish
Yellow 74C	PY-74	160°C	7		●			Greenish
Yellow 81C	PY-81	200°C	6			●		Lemon Yellow
Yellow 83C	PY-83	200°C	7-8	●	●	●	●	Transparent
Yellow 138C	PY-138	240°C	1-8				●	BASF 0961
Yellow 139C	PY-139	250°C	7-8	●	●	●	●	Reddish
Yellow 151C	PY-151	250°C	9	●	●	●	●	Clariant H4G
Yellow 154C	PY-154	250°C	8	●	●	●	●	Clariant H3G
Yellow 191C	PY-191	260°C	7					Halogen Free
Orange 13C	PO-13	200°C	5					Yellowish
Orange 34C	PO-34	220°C	5				●	Bluish
Orange 36C	PO-36	180°C	8	●		●	●	Bluish
Orange 73C	PO-73	250°C	7-8	●	●	●	●	Bright Yellowish
Red 482C	PR-48:2	180°C	6			●	●	Yellowish
Red 483CB	PR-48:3	180°C	6				●	Bluish
Red 483CY	PR-48:3	180°C	6				●	Yellowish
Red 571C	PR-57:1	180°C	6					Bluish
Red 112C	PR-112	200°C	3-4		●			Clariant FGR
Red 122C	PR-122	280°C	8	●	●	●	●	Yellowish
Red 170C3	PR-170	200°C	6-7	●	●	●	●	Clariant F3RK
Red 170C5	PR-170	200°C	6-7	●	●	●	●	Clariant F5RK
Red 177C	PR-177	250°C	8			●		BASF A3B
Red 254C	PR-254	200°C	8	●	●	●	●	Ciba 2030
Violet 19C	PV-19	280°C	8	●	●	●	●	Clariant E5B
Violet 23C	PV-23	220°C	7	●	●	●	●	Clariant RL
Blue 151C	PB-15:1	280°C	7		●	●		BASF 6950
Blue 152C	PB-15:2	280°C	7			●	●	Reddish
Blue 153CB	PB-15:3	280°C	7			●		BASF 7072
Blue 153CR	PB-15:3	280°C	7			●		Greenish
Blue 60C	PB-60	280°C	8	●				Ciba A3R
Green 7C	PG-7	280°C	7			●		Yellowish

Organic Pigment for Inks 油墨用有机颜料

Name 产品名	C.I.No 索引号	Lightfastness 耐晒性	Oil absorption 吸油量	Offset Ink 胶印墨	Water Ink 水性墨	Gravure Ink 凹版	Description 描述
Yellow 12I	PY-12	4	40	●	●	●	semi-opaque, good gloss
Yellow 13I	PY-13	5-6	45		●	●	reddish, transparent, good gloss
Yellow 14I	PY-14	4	35		●	●	greenish, transparent, surface print
Yellow 17I	PY-14	4	45		●	●	greenish shade
Yellow 74I	PY-74	6-7	45		●	●	greenish shade
Yellow 81I	PY-81	7	45		●	●	lemon shade, good lightfastness
Yellow 83IG	PY-83	7	30		●	●	greenish, transparent, good gloss
Yellow 83IR	PY-83	7	40		●	●	reddish, good strength
Yellow 150I	PY-150	6-7	40			●	inkjet use
Yellow 174I	PY-174	7	40	●			high leveling
Yellow 180I	PY-180	8	45			●	high lightfastness, good strength
Red 481I	PR-48:1	5	45		●	●	yellowish
Red 482I	PR-48:2	4-5	45		●	●	high color strength, transparent
Red 483I	PR-48:3	4-5	45		●		low viscosity, transparent
Red 491I	PR-49:1	4-5	45		●		high color strength, two shade
Red 531IB	PR-53:1	4	50	●	●	●	bluish, good gloss, transparent
Red 531IY	PR-53:1	4	45		●	●	yellowish, good gloss, low viscosity
Red 571IB	PR-57:1	4	50	●	●	●	bluish, transparent, low viscosity
Red 571IY	PR-57:1	4	50	●	●	●	yellowish, transparent, high strength
Red 81I	PR-81	5	70		●	●	yellowish
Red 122IB	PR-122	5	75		●	●	bluish
Red 122IY	PR-122	5	75		●	●	yellowish
Red 146I	PR-146	6	50		●	●	bluish
Red 170I3	PR-170	6-7	50			●	yellowish, good lightfastness
Red 170I5	PR-170	6-7	50			●	bluish, good lightfastness
PR 254I	PR-254	8	45		●	●	yellowish, good lightfastness
Orange 13I	PO-13	4	45		●	●	yellowish, transparent, gloss
Orange 34I	PO-34	4-5	45		●	●	bluish, transparent, good gloss
Violet 3IB	PV-3	4-5	55	●	●	●	bluish, good gloss,
Violet 3IR	PV-3	4-5	55		●	●	reddish, good gloss
Violet 23IB	PV-23	5	50		●	●	bluish, low viscosity
Violet 23IR	PV-23	5	50	●	●	●	reddish, good gloss
Violet 27I	PV-27	5	55	●	●	●	reddish, transparent, high strength
Blue 150I	PB-15:0	5	45		●	●	reddish shade with good gloss
Blue 151I	PB-15:1	5	45		●	●	
Blue 153I	PB-15:3	5	45		●	●	good quality, low viscosity
Blue 154I	PB-15:4	280°C	7		●		flocculation stable
Green 7I	PG-7	5	45		●	●	
Brown 25I	PBr-25	5	45		●	●	good quality, low viscosity

Name=Color Group+CI Index No.+Usage(P=Plastic, C=Coating, I=Ink)+Shade(R=Red, B=Blue, Y=Yellow, G=Green)

Solvent Dyes 溶剂染料

Product 产品名称	C.I.Index 索引号	Synonyms 名称	CAS No CAS 号码
Black 3	SBL 3	Oil Black H3B	4197-25-5
Blue 104	SB 104	Blue 2B	116-75-6
Blue 122	SB 122	Blue R	67905-17-3
Blue 35	SB 35	Blue 2N	12226-78-7
Blue 36	SB 36	Blue AP	14233-37-5
Blue 67	SB 67	Blue G	12226-78-7
Blue 78	SB 78	Blue GP	2475-44-7
Blue 97	SB 97	Blue RR	70956-30-23
Green 28	SG 28	Green G	71839-01-5
Green 3	SG 3	Green 5B	128-80-3
Green 5	SG 5	Yellow 8G	128-80-5
Orange 107	SO 107	Orange R	5718-26-3
Orange 14	SO 14	Orange EP	6367-70-3
Orange 60	SO 60	Orange 3G	6925-69-5
Orange 63	SO 63	Orange GG	16294-75-0
Red 111	SR 111	Red GS	82-38-2
Red 135	SR 135	Red EG	20749-68-2
Red 146	SR 146	Red FB	70956-30-8
Red 149	SR 149	Red HFG	71902-18-6
Red 23	SR 23	Red HRR	85-86-9
Red 168	SR 168	Red KLB	71832-19-4
Red 179	SR 179	Red E2G	6829-22-7
Red 195	SR 195	Red 2B	164251-88-1
Red 196	SR 196	Red BK	52372-36-8
Red 197	SR 197	Red GK	52372-36-8
Red 207	SR 207	Red FBR, FRL	15958-68-6
Red 24	SR 24	Red BR	85-83-6
Red 25	SR 25	Red B	3176-79-2
Red 41	SR 41	Red 5B	522-75-8
Red 52	SR 52	Red HL5B	81-39-0
Violet 13	SV 13	Violet B	81-48-1
Violet 26	SV 26	Violet R	61951-89-1
Violet 31	SV 31	Violet RR	70956-27-3
Violet 36	SV 36	Violet 3R	61951-89-1
Violet 37	SV 37	Violet FBL	61969-50-4
Yellow 114	SY 114	Yellow 2G, Disperse 54	75216-45-4
Yellow 14	SY 14	Yellow R	842-07-9
Yellow 16	SY 16	Yellow 4G	4314-14-1

数据说明 Explanation of Data

色调 Color Shade

全色：基于颜料浓度为 0.2% 得到的色调。冲淡色：使用标准深度 1/3 (SD 1/3) 作为冲淡色，基于在 5% TiO₂ 达到 1/3 ISD 时的各颜料浓度得到的色调。

All organic pigment shades shown here are based on a full shade concentration of 0.2% pigment. In the white reductions, the illustrations are based on the respective pigment concentration to achieve 1/3 ISD based on 5% TiO₂.

耐热性 Heat resistance (HDPE)

在注塑过程中，根据 DIN 12877 在 1% 二氧化钛获得 1/3 标准深度 SD 1/3 测试耐热性。

引用的值是在该温度下，停留 5 分钟，获得等于 $\Delta E^*_{ab} = 3$ (DIN 6174) 时的温度。

Resistance to heat was tested according to DIN EN 12877 at SD Vs with 1 % titanium dioxide in the injection molding process. The values quoted are the temperature in °C at which, after a dwell time of 5 min, a color change equivalent to a $\Delta E^*_{ab} = 3$ (DIN 6174) is obtained.

耐光性 (HDPE 和 PVC-p)

使用氙灯暴露试验，按照等效的测试方法 ISO 4892-2 测定耐光牢度。根据 1-8 蓝羊毛色卡评估样品，其中 8 表示最高的耐光性。

Light fastness was determined using Xenon lamp exposure tests in accordance with the equivalent test methods ISO 4892-2 or ISO 105-B02. The samples were assessed against the 1–8 Blue Wool Scale as described in ISO 105-B02, Blue Wool 8 denoting the highest light fastness.

迁移坚牢度 Migration

通过着色测试片和白色柔性 PVC 接触片之间的直接接触，根据 DIN 53775 测定耐迁移性。使用 ISO 105-A03 灰度 (GS) 评估染色，GS 5 表示无迁移。

Migration resistance was determined in accordance with DIN 53775 by direct contact between the colored test sheet and a white, flexible PVC contact sheet. Staining of the contact sheet was assessed using the ISO 105-A03 grayscale (GS) for assessing staining, with GS 5 denoting no migration.

耐候性 (HDPE 和 PVC-p)

使用氙气曝光测试，根据等效的测试方法 ISO 4892-2 测定耐候性，使用 ISO 105 灰度 (GS) 评估染色，其中 5 表示无迁移。

Light fastness was determined using Xenon lamp exposure tests in accordance with the equivalent test methods ISO 4892-2 or ISO 105-B02. The samples were assessed against the 1–8 Blue Wool Scale as described in ISO 105-B02, Blue Wool 8 denoting the highest light fastness

翘曲 (HDPE)

根据 ISO 294-4 / ASTM D955 测定注塑 HDPE 制品翘曲趋势的影响。评估使用低，高，nt (未测试)。

Influence on the warping tendency of injection-molded HDPE articles was determined in accordance with ISO 294-4/ASTM D955. Warping tendency was assessed by Low, High and not tested.



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