الوان ثابت

ALVAN SABET

Manufacturer of Dyestuff & Chemicals

تولیدکننده رنگ و مواد شیمیایی

PIGMENT POWDER

شرکت دانش بنیان الوان ثابت

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تهران ، یوسف آباد ، خیابان جهان آرا ، خیابان شهید شریفی (سی و یکم) ، پلاک ۲۵

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درباره ما

شرکت دانش بنیان الوان ثابت در سال ۱۳۶۱ در ۴۵ کیلومتری شهرستان همدان در جاده همدان - تهران به عنوان بزرگترین سنتز کننده رنگ و مواد شیمیایی در خاورمیانه با پوشش صنایع نساجی به چرم تاسیس شد و در چهار گروه رنگ های نساجی اسیدی، مستقیم، راکتیو و خمیر پیگمنت درسال ۱۳۷۵ مورد بهره برداری قرار گرفت.

این کارخانه در زمینی به مساحت ۲۴ هکتار با زیربنای معادل ۲۵ هزار متر مربع احداث گردید. ظرفیت تولید اولیه شرکت معادل ۴ هزار تن از انواع رنگ های نساجی، چرم و مواد کمکی نساجی بود.

سپس در سال ۱۳۸۳ با ارتقاء دانش فنی تولید به جذب کارشناسان کارآزموده کیفیت محصولات تا سطح استانداردهای بین‌المللی ارتقاء داده شد و سالانه بیش از ۱۰۰ نوع از رنگ های اسیدی، راکتیو، مستقیم، خمیر پیگمنت و مواد تعاونی نساجی، چرم و کاغذ را برای مشتریان بی شمار در سراسر کشور و برخی کشورهای همسایه تامین می نماید.

همچنین این شرکت با توجه به نیاز پالایشگاه های نفت کشور به رنگ بنزین و فرآورده های نفتی در راستای تحقق خودکفایی کشور پس از اخذ تاییدیه کیفیت از پژوهشکده صنعت نفت اقدام به تولید و تامین عمده رنگ مصرفی کلیه پالایشگاه های کشور را نموده است.

در سال ۱۳۸۸ به دنبال سال ها مطالعه تولید و بازار و جذب نیروی متخصص جدید و کارآمد بر حسب وظیفه تولید ملی و امکانات موجود بر آن شدیم رنگ های مورد مصرف در صنایع شوینده (صابون‌ها، مایعات شوینده دست به ظروف و ...) و صنایع بهداشتی (ضدعفونی کننده ها و برخی لوازم آرایشی بهداشتی) را به صورت دانش‌بنیان و مطابق استاندارد جهانی و کشور سنتز نمائیم.

به این ترتیب کشور از سال ۱۳۸۹ در رنگ های صابون، مایعات و اپتیکال برایتنر (جهت صنایع تولید پودر کشور) بی نیاز شد.

AlvanSabet Knowledge Enterprise established in 1982, 45 km from Hamadan, on the Hamadan-Tehran Road, as the largest synthesizer of dyes and chemicals in the Middle East, with the purpose of covering the textile- leather industries, and was exploited in four textile dye groups of acidic, direct, reactive, and the pigment paste in 1996.

The factory was built in an area of 24 hectares, with an infrastructure of 25,000 m2. The company's initial production capacity was 4,000 tons of textile dyes, Leather and Textile Auxiliary.

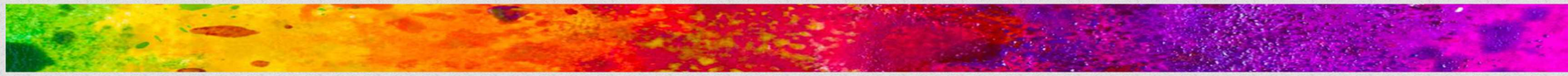
Then, in 2004, improving production technical knowledge and hiring experienced experts enhanced the quality of products up to international standards, and annually produce more than 100 kinds of dyes from acidic, reactive, direct, pigment paste to materials textile auxiliary leather and paper for its numerous customers throughout Iran, and some neighboring countries.

The company also, due to the need for Iranian oil refineries for petrol dyes and petroleum products, in order to achieve self-sufficiency, after obtaining Quality assurance (QA) from the Research Institute of Petroleum Industry, tried to produce and supply major paints of all refineries in Iran.

In 2009, after years of studying product and market and hiring new and efficient experts, in line with our commitment to national production, and using existing facilities, we decided to synthesize the consuming dyes in the detergent industries (e.g. soaps, hand and washing liquids, etc.) and sanitary industries (e.g. disinfectants and some health cosmetics) as knowledge-based, and in accordance with international and Iranian standards.

Thus, since 2010, Iran has become self-sufficient in the production of soap, liquid, and optical Brighteners dyes (for Iran's powder production industries).

ORGANIC PIGMENT FOR WATER BASE INK



C.I.No.	P.Y.12	P.R.266	P.R.170 F5RK	P.R.146	P.R.146	P.R.57:1
CAS No.	6358-85-6	2786-76-7	2786-76-7	5280-68-2	5280-68-2	5281-04-9
Oil Absorption	40-50	45-55	45-55	65-70	65-70	35-50
PH	6-7	6-7	6-7	7-8	7-8	7-8
Heat Resistance (˚C/5min)	190	180	230	200	200	190
Light Fastness	6	7	7	7-8	7-8	5-6
Weather Fastness	3	4	4	4-5	4-5	3-4
Acid Resistance	5	5	5	5	5	4
Alkali Resistance	5	5	5	5	5	4
Screenings	4	4	4	5	4	4
Migration Resistance	3-4	4	4	5	3-4	4
Characteristics	Greenish Semitransparent Universal	Bluish Non-migration Tansparent	Bluish Non-migration Without APEO	Bluish Non-migration Boiling resistence	Yellowish	Bluish Transparent Good stability

* The above data is obtained under the certain specific situations and ratio. Only for reference.

C.I.No.	P.R.49:1	P.R.48:3	P.R.48:2	P.R.48:1	P.R.22	P.R.2
CAS No.	1103-38-4	15782-05-5	5281-4-9	7585-41-3	6448-95-9	6041-94-7
Oil Absorption	40-55	43-50	40-50	40-50	35-52	45-50
PH	7-8	7-8	7-8	7-8	6-7	6-7
Heat Resistance (˚C/5min)	160	230	230	240	160	180
Light Fastness	6	7	7	6	6	6
Weather Fastness	3-4	6-7	6-7	3	3-4	3-4
Acid Resistance	4	4	5	4	4	5
Alkali Resistance	4	5	5	4	4	5
Screenings	3	4-5	4-5	3	3	3
Migration Resistance	4	5	5	5	3	3
Characteristics	Yellowish Low viscosity Good stability	High strength Low viscosity	Bluish High strength High gloss	Yellowish Good Resistance	Yellowish No bleeding	Yellowish No bleeding

* The above data is obtained under the certain specific situations and ratio. Only for reference.

ORGANIC PIGMENT FOR WATER BASE INK

C.I.No.	P.G.7	P.B.15:3	P.B.15:0	P.B.15:0	P.O.34	P.O.13
CAS No.	1328-53-6	147-14-8	147-14-8	147-14-8	15793-73-4	3520-72-7
Oil Absorption	40-50	35-50	45-55	45-55	40-50	35-50
PH	7-8	7-8	7-8	7-8	6-7	6-7
Heat Resistance (˚C/5min)	280	260	190	190	200	200
Light Fastness	7-8	7-8	6	6	7	5-6
Weather Fastness	4-5	4-5	3-4	3-4	3-4	3-4
Acid Resistance	5	5	5	5	5	4
Alkali Resistance	5	5	5	5	5	4
Screenings	5	5	5	5	5	4
Migration Resistance	5	5	5	5	4	3
Characteristics	Yellowish Low viscosity Good stability	Greenish Low viscosity Good stability	Greenish Low viscosity Good stability	Reddish Low viscosity Good stability	Reddish Low viscosity Good stability	Yellowish Semitransparent

* The above data is obtained under the certain specific situations and ratio. Only for reference.

C.I.No.	P.O.5	P.Y.83	P.Y.74	P.Y.14	P.Y.13	P.Y.12
CAS No.	3468-63-1	5567-15-7	6358-31-2	5468-75-7	5102-83-0	6358-85-6
Oil Absorption	35-50	39-50	35-45	40-50	40-50	40-50
PH	5-7	6-7	6-8	6-7	6-7	6-7
Heat Resistance (˚C/5min)	200	250	200	200	200	190
Light Fastness	7	7-8	7-8	6-7	6-7	6
Weather Fastness	3-4	4	4	3-4	3-4	3
Acid Resistance	4	5	5	5	5	5
Alkali Resistance	4	5	5	5	5	5
Screenings	5	5	5	5	5	4
Migration Resistance	3	5	4	4	4	3-4
Characteristics	Redish Universal	Reddish Transparent Non-migration	Reddish Transparent	Greenish Semitransparent Universal	Greenish Semitransparent	Redish Transparent Universal

* The above data is obtained under the certain specific situations and ratio. Only for reference.

ORGANIC PIGMENT FOR SALVENT BASE INK

C.I.No.	P.Y.14	P.Y.13	P.Y.13	P.Y.12	P.Y.12	P.Y.12
CAS No.	5468-75-7	5102-83-0	5102-83-0	6358-85-6	6358-85-6	6358-85-6
Oil Absorption	40-50	40-50	40-50	40-50	40-50	40-50
PH	6-7	6-7	6-7	6-7	6-7	6-7
Heat Resistance (˚C/5min)	190	190	190	190	190	190
Light Fastness	6-7	6-7	6-7	6	6	6
Weather Fastness	3-4	3-4	3-4	3	3	3
Acid Resistance	5	5	5	5	5	5
Alkali Resistance	5	5	5	5	5	5
Characteristics	Reddish High transparent	Reddish High transparent	Reddish High transparent	Greenish Cover	Reddish Transparent	Redish Transparent

* The above data is obtained under the certain specific situations and ratio. Only for reference.

C.I.No.	P.R.184	P.R.146	P.R.57:1	P.R.57:1	P.R.48:2	P.R.48:2
CAS No.	99402-80-9	5280-68-2	5281-04-9	5281-04-9	7023-61-2	7023-61-2
Oil Absorption	40-50	65-70	35-50	35-50	35-45	35-45
PH	6-8	7-8	7-8	7-8	7-8	7-8
Heat Resistance (˚C/5min)	190	190	180	180	200	200
Light Fastness	7	7	6-7	6-7	7	7
Weather Fastness	4	4	3-4	3-4	4	4
Acid Resistance	5	4	4	4	5	5
Alkali Resistance	5	4	4	4	5	5
Characteristics	Bluish Boiling resistanse	Bluish Low viscosity Boiling resistanse	Bluish Transparent	Yellowish Semitransparent	Bluish Transparent	Yellowish High gloss

* The above data is obtained under the certain specific situations and ratio. Only for reference.

ORGANIC PIGMENT FOR OFFSET INK

C.I.No.	P.B.15:3	P.R.57:1	P.R.57:1	P.R.57:1	P.R.57:1	P.Y.12
CAS No.	147-14-8	5281-04-9	5281-04-9	5281-04-9	5281-04-9	6358-85-6
Oil Absorption	35-50	35-50	35-50	35-50	35-50	40-50
PH	7-8	7-8	7-8	7-8	7-8	6-7
Heat Resistance (˚C/5min)	260	200	200	200	200	190
Light Fastness	7-8	6-7	6-7	6-7	6-7	5-6
Weather Fastness	4-5	3-4	3-4	3-4	3-4	3-4
Acid Resistance	5	4	4	4	4	5
Alkali Resistance	5	4	4	4	4	5
Characteristics	Reddish transparent High flow	Yellowish semitransparent High flow	Yellowish semitransparent High flow	Bluish semitransparent High flow	Yellowish semitransparent High flow	Greenish semitransparent High flow

* The above data is obtained under the certain specific situations and ratio. Only for reference.

ORGANIC PIGMENT FOR SALVENT BASE INK

C.I.No.	P.G.7	P.B.15:4	P.B.15:4	P.Y.83	P.Y.83	P.Y.14
CAS No.	1328-53-6	147-14-8	147-14-8	5567-15-7	5567-15-7	5468-75-7
Oil Absorption	40-50	39-50	39-50	54-60	54-60	40-50
PH	7-8	7-8	7-8	6-7	6-7	6-7
Heat Resistance (˚C/5min)	280	260	260	240	240	190
Light Fastness	7-8	7-8	7-8	7	7	6-7
Weather Fastness	4-5	4-5	4-5	4	4	3-4
Acid Resistance	5	5	5	5	5	5
Alkali Resistance	5	4	4	5	5	5
Characteristics	Yellowsh High transparent Low viscosity Good stability	greenish semitransparent Low viscosity	Reddish High transparent	greenish Semitransparent Low viscosity	Reddish HighTransparent Good stability	Greenish Semitransparent

* The above data is obtained under the certain specific situations and ratio. Only for reference.

ORGANIC PIGMENT FOR WATER BASE DISPERSION

C.I.No.	P.R.170 F5RK	P.R.146	P.R.146	P.R.112	P.R.112	P.R.31
CAS No.	2786-76-7	5280-68-2	5280-68-2	6535-46-2	6535-46-2	6448-95-9
Oil Absorption	45-55	65-70	65-70	35-40	35-40	35-52
PH	6-7	7-8	7-8	6-7	6-7	6-7
Bleeding Fastness	5	5	5	5	5	5
Heat Resistance (˚C/5min)	230	200	200	190	190	180
Light Fastness	7	7-8	7-8	7	7	6-7
Weather Fastness	4	4-5	4-5	4	4	4
Acid Resistance	5	5	5	5	5	5
Alkali Resistance	5	5	5	5	5	5
Migration Resistance	4	5	3-4	3	3	4
Characteristics	Bluish Non-migration WithoutAPEO	Bluish Non-migration Boiling Resistence	Yellowish	Bluish Transparent	Yellowish Cover	Bluish Bright No bleeding

* The above data is obtained under the certain specific situations and ratio. Only for reference.

C.I.No.	P.R.23	P.R.23	P.R.23	P.R.22	P.R.8	P.R.2
CAS No.	6471-49-4	6471-49-4	6471-49-4	6448-95-9	6410-30-6	6041-94-7
Oil Absorption	40-50	40-50	40-50	35-52	40-50	40-50
PH	6-7	6-7	6-7	6-7	6-7	6-7
Bleeding Fastness	5	5	5	5	5	5
Heat Resistance (˚C/5min)	180	160	160	160	160	180
Light Fastness	6	6	6	6	6	6
Weather Fastness	4	4	4	3	3-4	3-4
Acid Resistance	4	4	4	4	4	5
Alkali Resistance	4	4	4	4	4	5
Migration Resistance	3	3	3	3	3	3
Characteristics	Most bluish Good water Resistance	Bluish Good water Resistance	Yellowish Good water Resistance	Yellowish No bleeding	Bluish No bleeding	Bluish No bleeding

* The above data is obtained under the certain specific situations and ratio. Only for reference.

ORGANIC PIGMENT FOR WATER BASE DISPERSION

C.I.No.	P.B.15:0	P.O.16	P.O.13	P.O.5	212 Bright yellow	P.Y.83
CAS No.	147-14-8	6505-28-8	3520-72-7	3468-63-1		5567-15-7
Oil Absorption	45-55	35-50	35-50	35-50	35-42	39-50
PH	7-8	6-8	6-7	5-7	6-7	6-7
Bleeding Fastness	5	5	5	5	5	5
Heat Resistance (˚C/5min)	190	200	200	200	180	250
Light Fastness	6	7	5-6	7	4-5	7-8
Weather Fastness	3-4	4	3-4	3-4	3	4
Acid Resistance	5	5	4	4	3-4	5
Alkali Resistance	5	5	4	4	3-4	5
Migration Resistance	5	5	3	3	4	5
Characteristics	Reddish Low viscosity Good stability	Reddish High strength Easy disperse	Yellowish Semitransparent	Reddish Universal	Greenish Bright	Reddish Transparent Non-migration

* The above data is obtained under the certain specific situations and ratio. Only for reference.

C.I.No.	P.Y.74	P.Y.14	P.Y.13	P.Y.12	P.Y.12	P.R.170 F5RK
CAS No.	6358-31-2	5468-75-7	5102-83-0	6358-85-6	6358-85-6	2786-76-7
Oil Absorption	35-45	40-50	40-50	40-50	40-50	45-55
PH	6-8	6-7	6-7	6-7	6-7	6-7
Bleeding Fastness	5	5	5	5	5	5
Heat Resistance (˚C/5min)	200	200	200	190	190	230
Light Fastness	7-8	6-7	6-7	6	6	7
Weather Fastness	4	3-4	3-4	3	3	4
Acid Resistance	5	5	5	5	5	5
Alkali Resistance	5	5	5	5	5	5
Migration Resistance	4	4	4	3-4	3-4	5
Characteristics	Reddish Transparent	Greenish Semitransparent Universal	Greenish Semitransparent	Reddish Transparent Universal	Greenish Semitransparent Universal	Yellowish Non-migration Without APEO

* The above data is obtained under the certain specific situations and ratio. Only for reference.

ORGANIC PIGMENT FOR COATING

C.I.No.	P.O.36	P.O.5	P.Y.83	P.Y.74	P.R.170 F3RK	P.R.170 F5RK
CAS No.	12236-62-3	3468-63-1	5567-15-7	6358-31-2	2786-76-7	2786-76-7
Oil Absorption	40-60	35-50	40-52	35-45	45-55	45-55
PH	6-7	5-7	6-7	6-8	6-7	6-7
Heat Resistance (˚C/5min)	260	180	250	200	230	230
Light Fastness	7-8	7-8	7-8	7-8	7	7
Weather Fastness	4-5	3-4	4-5	4-5	5	4
Acid Resistance	5	5	5	5	5	5
Alkali Resistance	5	5	5	5	5	5
Migration Resistance	5	4-5	5	4-5	5	4-5
Characteristics	Cover Good resistance	Reddish Universal	Reddish High cover Good resistance	Greenish High cover Good resistance	Yellowish High cover Without APEO	Bluish Without APEO

* The above data is obtained under the certain specific situations and ratio. Only for reference.

ORGANIC PIGMENT FOR WATER BASE DISPERSION

C.I.No.	P.G.7	P.B.15:3	P.B.15:1	P.B.15:1	P.B.15:0	
CAS No.	1328-53-6	147-14-8	12239-87-1	147-14-8	147-14-8	
Oil Absorption	40-50	35-50	45-55	45-55	45-55	
PH	7-8	7-8	7-8	7-8	7-8	
Bleeding Fastness	5	5	5	5	5	
Heat Resistance (˚C/5min)	280	260	260	190	190	
Light Fastness	7-8	7-8	7-8	6	6	
Weather Fastness	4-5	4-5	4-5	3-4	3-4	
Acid Resistance	5	5	5	5	5	
Alkali Resistance	5	5	5	5	5	
Migration Resistance	5	5	5	5	5	
Characteristics	Yellowish Bright Cover	Greenish Low viscosity Good stability	Greenish High Sterngth	Reddish High Sterngth	Greenish Low viscosity Good stability	

* The above data is obtained under the certain specific situations and ratio. Only for reference.

ORGANIC PIGMENT FOR PLASTIC

C.I.No.	P.R.170 F5RK	P.R.170 F5RK	P.R.57:1	P.R.48:3	P.R.48:2	P.R.48:1
CAS No.	2786-76-7	2786-76-7	5281-04-9	15782-05-5	5281-4-9	7585-41-3
Oil Absorption	45-55	45-55	35-50	43-50	40-50	40-50
PH	6-7	6-7	7-8	7-8	7-8	7-8
Heat Resistance (˚C/5min)	230	230	200	260	260	260
Light Fastness	7	7	6	7	7	6-7
Weather Fastness	4	4	3-4	4	4	4
Acid Resistance	5	5	5	4	5	5
Alkali Resistance	5	5	5	5	5	5
Migration Resistance	5	5	5	5	5	5
Characteristics	Yellowish Non-migration without APEO	Bluish Non-migration without APEO	Bluish Non-migration	Yellowish Non-migration	Yellowish Non-migration	Yellowish Non-migration

* The above data is obtained under the certain specific situations and ratio. Only for reference.

ORGANIC PIGMENT FOR COATING

C.I.No.	P.G.7	P.B.15:4	P.B.15:3	P.B.15:2	P.B.15:1	P.B.15:1
CAS No.	1328-53-6	147-14-8	147-14-8	12239-89-1	12239-87-1	147-14-8
Oil Absorption	40-50	54-60	35-50	45-55	40-50	45-55
PH	7-8	7-8	7-8	7-8	7-8	7-8
Heat Resistance (˚C/5min)	280	260	260	260	260	190
Light Fastness	7-8	7	7	7-8	7-8	6
Weather Fastness	4-5	4-5	4-5	4-5	4-5	3-4
Acid Resistance	5	5	5	5	5	5
Alkali Resistance	5	4	5	5	5	5
Migration Resistance	5	4	5	5	5	5
Characteristics	Yellowish Bright Cover	Greenish Semitransparent	Greenish Semitransparent	Reddish Easy disperse	Greenish High strength	Reddish High strength

* The above data is obtained under the certain specific situations and ratio. Only for reference.

ORGANIC PIGMENT FOR PLASTIC

C.I.No.	P.B.15:0	P.O.16	P.O.13	P.Y.183		
CAS No.	147-14-8	6505-28-8	3520-72-7	5567-15-7	129423-54-7	129423-54-7
Oil Absorption	45-55	35-50	35-50	40-52	45-53	45-53
PH	7-8	6-8	6-7	6-7	6-7	6-7
Heat Resistance (˚C/5min)	190	200	180	280	250	250
Light Fastness	6-7	7	7	7-8	7-8	7-8
Weather Fastness	3-4	4	3-4	5	4-5	4-5
Acid Resistance	5	5	5	5	5	5
Alkali Resistance	5	5	5	5	5	5
Migration Resistance	5	5	4	5	5	4
Characteristics	Greenish Esay disperse	Reddish High strength Esay disperse	Yellowish Semitransparent	Reddish Good resistance	Greenish Non-migration	Reddish High strength

* The above data is obtained under the certain specific situations and ratio. Only for reference.

C.I.No.	P.Y.83	P.Y.83	P.Y.17	P.Y.14	P.Y.13	P.Y.12
CAS No.	5567-15-7	5567-15-7	4531-49-1	5468-75-7	5102-83-0	6358-85-6
Oil Absorption	40-52	40-52	45-55	40-50	40-50	40-50
PH	6-7	6-7	6-8	6-7	6-7	6-7
Heat Resistance (˚C/5min)	250	250	200	200	200	190
Light Fastness	7-8	7-8	6	6-7	6-7	6
Weather Fastness	4	4	4	3-4	3-4	3
Acid Resistance	5	5	5	5	5	5
Alkali Resistance	5	5	5	5	5	5
Migration Resistance	5	5	4-5	4-5	4-5	3
Characteristics	Reddish Transparent	Greenish Semitransparent	Greenish High Strength	Greenish Bright Easy disperse	Greenish Easy disperse	Reddish Easy disperse

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C.I.No.	P.G.7	P.G.7	P.G.7	P.B.15:3		
CAS No.	1328-53-6	1328-53-6	1328-53-6	147-14-8		
Oil Absorption	40-50	40-50	40-50	35-50		
PH	7-8	7-8	7-8	7-8		
Heat Resistance (˚C/5min)	280	280	280	260		
Light Fastness	7-8	7-8	7-8	7-8		
Weather Fastness	4-5	4-5	4-5	4-5		
Acid Resistance	5	5	5	5		
Alkali Resistance	5	5	5	5		
Migration Resistance	5	5	5	5		
Characteristics	Yellowish Esay disperse	Bluish	Yellowish High strength Esay disperse	Greenish High strength Esay disperse		

* The above data is obtained under the certain specific situations and ratio. Only for reference.

C.I.No.	P.B.15:3	P.B.15:2	P.B.15:1	P.B.15:1	P.B.15:0	P.B.15:0
CAS No.	147-14-8	12239-89-1	12239-87-1	12239-87-1	147-14-8	147-14-8
Oil Absorption	35-50	45-55	45-55	45-55	45-55	45-55
PH	7-8	7-8	7-8	7-8	7-8	7-8
Heat Resistance (˚C/5min)	260	300	260	260	190	190
Light Fastness	7-8	7-8	7	7	6-7	6-7
Weather Fastness	4-5	4-5	5	5	3-4	3-4
Acid Resistance	5	5	5	5	5	5
Alkali Resistance	5	5	5	5	5	5
Migration Resistance	5	5	5	5	5	5
Characteristics	Greenish Easy disperse	Greenish High Strength Easy disperse	Greenish High Strength Easy disperse	Greenish Easy disperse	Reddish High Strength Easy disperse	Greenish High Strength Easy disperse

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