



ORGANIC PIGMENTS  
FOR PLASTICS  
& RUBBER

[www.unioncolours.com](http://www.unioncolours.com)



Strength through Experience

# Technical Competence ...



## MAKING IS THE DIFFERENCE

Union Colours is a wholly owned international division of the Longyu Pigment and Chemicals Corporation, the largest Organic Pigment manufacturer in China. First established in 1980, our parent group has grown to be a major force in the production of Organic pigments.

The main production site in China is situated at an industrial park in Changzhou, Jiangsu. Here we manufacture the bulk colour lines to internationally required standards that are used in Printing Inks, Coatings and Plastics. With continuous investment in new plant and technology the plant is modern, efficient and exceeds all local, regional and national environmental requirements. Our pigment dispersions plant is also in China, where we manufacture our range of Unicol brand aqueous pigment dispersions.

Whilst having substantial production capacity, the factory is supported by satellite units which produce the lesser volume high performance colour lines.





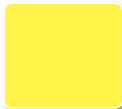
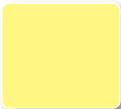

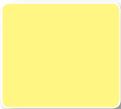






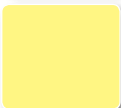








Our technical activities are global, steered from our purpose built Technical Centre in the United Kingdom, we have development and testing capabilities on three continents. This allows us to bring together our customers, development, manufacturing and quality control, resulting in a robust, sustainable supply chain and product improvement programme.

Since the foundation of the company in 2003 we have been engaged in a technically led campaign to improve the performance of our products. The continued success of this development programme is resulting in us increasingly being considered as one of the market leaders.

*'Strength through Experience'*
























**KEY TO QUICK REFERENCE GUIDE:**

● Recommended ○ Potential Use

		UC Brand Name C.I. Name	UC Code	Type	Description/Application	Polyolefins	PVC	PS	PUR	Rubber
		<b>Sincol Yellow</b> Yellow 13	1126-003	*Diarylide	Strong, medium shade economical yellow. Processing temperature restricted to max 200°C.	○	●		○	●
		<b>Sincol Yellow</b> Yellow 14	1140-003	*Diarylide	Strong, greenish shade economical yellow. Processing temperature restricted to max 200°C.	○	●		○	●
		<b>Sincol Yellow</b> Yellow 17	1124-D56	*Diarylide	Strong, green shade yellow with very good light fastness. Processing temperature restricted to max 200°C.	○	●		○	●
		<b>Sincol Yellow</b> Yellow 62	1131-001	Monoazo, Ca	Mid shade yellow with excellent heat & light fastness. Used as a Diarylide replacement.	●	●	○	○	●
		<b>Sinfast Yellow</b> Yellow 81	1159-001	*Diarylide	Very bright green shade yellow with excellent light fastness. Suitable as Primrose Chrome replacement. Processing temperature restricted to max 200°C.	○	●			●
		<b>Sinfast Yellow</b> Yellow 83	1160-003	*Diarylide	Red shade yellow with excellent light fastness & resistance properties. Processing temperature restricted to max 200°C.	○	●		○	●
		<b>Sinfast Yellow</b> Yellow 110	1110-002	Isoindolinone	Very red shade yellow with excellent all round fastness properties.	●	●	●	●	○
		<b>Sinfast Yellow</b> Yellow 138	1148-001	Quinophthalone	Green shade yellow with very good light fastness and heat stability.	●	●	●	●	●
		<b>Sinfast Yellow</b> Yellow 139	1129-001	Isoindolinone	Red shade yellow with very good heat & light fastness. Suitable as Middle Chrome replacement.	○	●		●	●
		<b>Sinfast Yellow</b> Yellow 151	1121-001	Benzimidazolone	Green shade yellow with excellent light fastness and good heat stability.	●	●	○		●
		<b>Sinfast Yellow</b> Yellow 155	1135-002	Bisacetoacetylide	Medium shade yellow with excellent light fastness and good heat stability.	●	●	●	●	●
		<b>Sinfast Yellow</b> Yellow 168	1130-002	Monoazo, Ca	Green shade yellow with excellent heat & light fastness. Used as a Diarylide replacement.	●	●	○	○	●
		<b>Sinfast Yellow</b> Yellow 180	1181-001	Benzimidazolone	Mid shade yellow, very good light fastness and excellent heat stability. Suitable as Lemon Chrome replacement.	●	●	●	●	●

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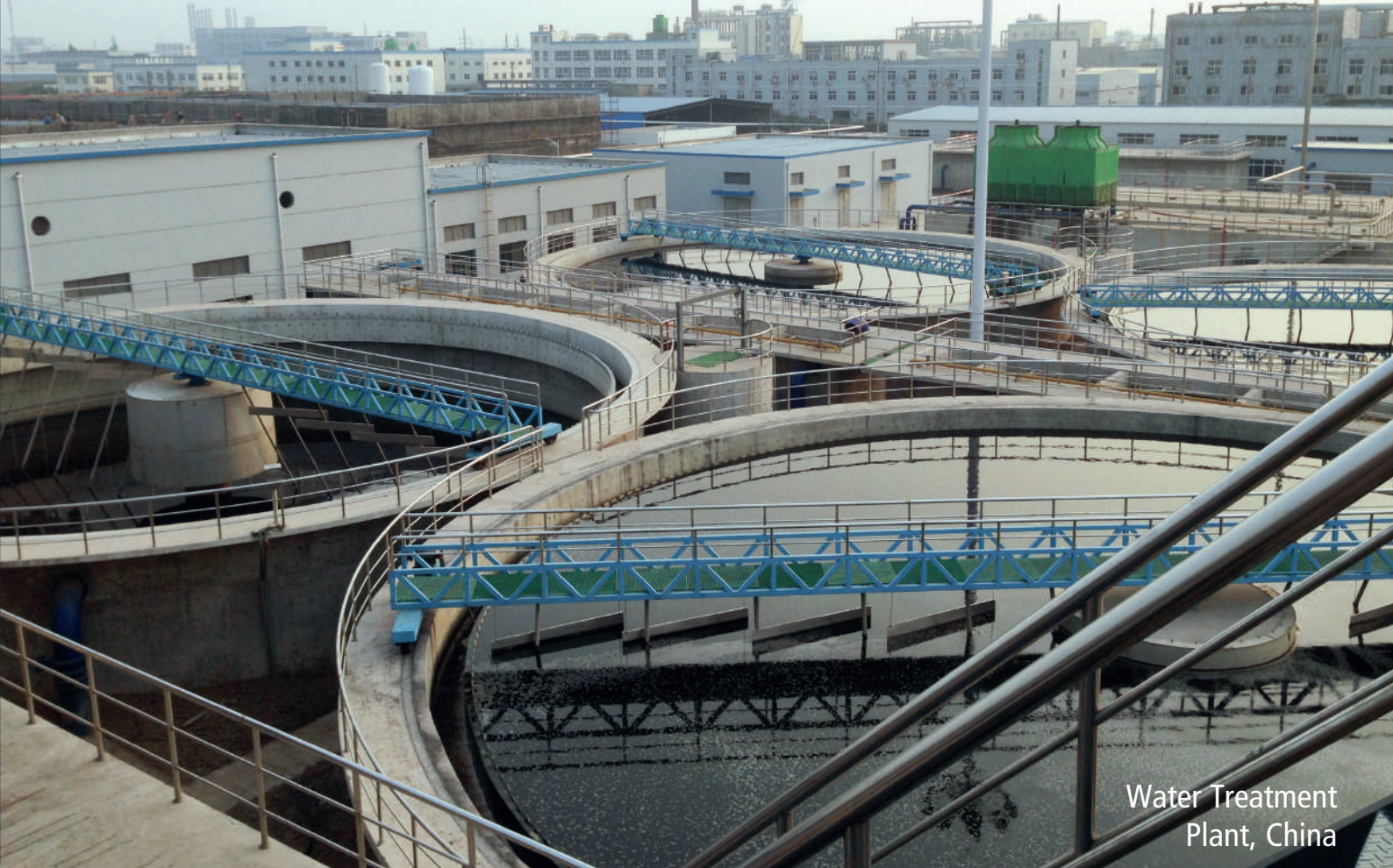
		UC Brand Name C.I. Name	UC Code	Type	Description/Application	Polyolefins	PVC	PS	PUR	Rubber
		<b>Sinfast Yellow</b> Yellow 183	1183-001	Monoazo, Ca	Red shade yellow with outstanding heat stability. Suitable as Middle Chrome replacement.	●	○	●		
		<b>Sincol Orange</b> Orange 13	1151-003	*Diarylide	Yellow shade, economical orange. Processing temperature restricted to max 200°C.	○	●		○	●
		<b>Sincol Orange</b> Orange 34	1156-002	*Diarylide	Reddish shade orange with good light fastness in strong shades. Processing temperature restricted to max 200°C.		●		○	●
		<b>Sinfast Orange</b> Orange 36	1158-001	Benzimidazolone	Opaque, reddish shade orange with excellent light fastness, weathering and good heat stability.	●	●			
		<b>Sinfast Orange</b> Orange 64	1164-001	Azoheterocyclus	Bright, red shade Orange with outstanding light fastness, heat stability and bleed fastness.	●	●	●	●	●
		<b>Sincol Scarlet</b> Red 48:1	3118-002	BONA, Ba	Bright, yellow shade red with very good all round fastness properties.	●	●			●
		<b>Sincol Rubine</b> Red 48:2	3120-004	BONA, Ca	Strong, bluish shade red with very good all round fastness properties.	●	●	○	●	●
		<b>Sincol Red</b> Red 48:3	3124-002	BONA, Sr	Mid shade red with very good all round fastness properties.	●	●	○	●	●
		<b>Sinlake Red</b> Red 53:1	3110-002	β Naphthol, Ba	Yellow shade red with excellent heat stability. Poor fastness to light especially in reduction with TiO <sub>2</sub> .	●	●	●	○	●
		<b>Sincol Rubine</b> Red 57:1	3160-001	BONA, Ca	Economical blue shade red with very good all round fastness properties.	●	●	○	●	●
		<b>Sindo Red</b> Red 122	3122-003	Quinacridone	Bright blue shade red with excellent light fastness, heat stability and bleed fastness.	●	●	●	●	●
		<b>Sindcon Red</b> Red 166	3266-001	Disazo Condensation	Bright yellowish shade red with excellent heat stability and very good light fastness.	●	●	●	●	●

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		UC Brand Name C.I. Name	UC Code	Type	Description/Application	Polyolefins	PVC	PS	PUR	Rubber
		Sinfast Red Red 170	3128-001	Naphthol AS	Strong, mid shade red with very good heat & light fastness.	●				
		Sinfast Red Red 170	3128-002	Naphthol AS	Bright mid shade red with very good heat & light fastness.	●				
		Sinfast Red Red 185	3136-001	Benzimidazolone	Bluish red with very good heat stability & bleed fastness.	○	●	○		
		Sindo Violet Violet 19	6219-001	Quinacridone	Deep red-violet with outstanding light fastness, heat stability & bleed fastness.	●	●	●	●	●
		Sincar Violet Violet 23	6260-003	Dioxazin	Strong bright violet with excellent light fastness & heat stability.	○	●	○	●	●
		Sinco Blue Blue 15:1	4372-002	Cu Phthalo, $\alpha$	Excellent all round fastness properties.	●	●	●	○	●
		Sinco Blue Blue 15:3	4382-007	Cu Phthalo, $\beta$	Excellent all round fastness properties.	●	●	●	●	●
		Sinco Green Green 7	5436-373	Cu Phthalo	Excellent all round fastness properties.	●	●	●	●	●

- Product technical data sheets are available on request.
- \*Diarylide pigments may decompose >200°C, see ETAD Notice No.2
- The information in this brochure is based on our current knowledge, information and experience. Responsibility or liability cannot be assumed for factors lying outside our knowledge and or control.
- Due to the limitations of the four colour printing process, the colour panels in this brochure may not match the actual shade of the specific pigment. They are for illustrative purposes only.



Water Treatment Plant, China

*“ As a preferred supplier we adopt strategies to ensure continuity of supply ”*



UK Headquarters and Technical Centre



China – Offices & Laboratories



India – Technical Centre



UK Development Laboratory



China – Pigment Production line



South Africa – Laboratories

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