

广东丰霖新材料科技有限公司
FULLN CHEMICAL CO.,LTD.

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CN OS
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FULLN[®] 丰霖新材料
FULLN CHEMICAL

Our Expertise In Developing Inorganic Pigments Over Two Decades



About FULLN

Fulln Chemical Co., Ltd. is a highly technological enterprise specializing in environment-friendly inorganic pigments. Our designed inorganic pigments have been used globally in the industries of material coatings, such as an glass, mental, cast iron, plastic, fluorocarbon, enameal and ceramics, as well as for painting dyes. The Fulln company facilities are modernly equipped, and based in the Gaoming district of Foshan City.

Since established, we always aim to pursue excellences in scientific application through normative management, communication, and innovation. These fundamental core values are what we provide for our customers, community and environment.

Customer priority

FULLN has stringent focuses on customer satisfaction by offering innovative and quality-guaranteed products and reaching customers' requirements with professionalism and fine attention. We aim to develop sustainable relationships with all our partners with persistent product quality and services.

Respect for people

FULLN treats our employees with respect and recognition, and foster a working atmosphere where people can progress, contribute, and innovate with passion.

Sustainability

FULLN cares our environment by developing earth-green products. We also create a positive community that inspires people to join us to achieve the goals of sustainability.

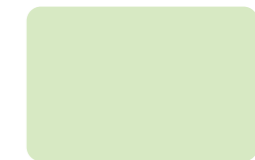
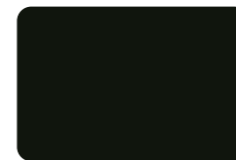


Fulln Chemical Co.,Ltd. main Pigment Color Index (Mass tone & Tint tone)



Copper Chromite Black

Chromium Iron Black



Manganese Ferrite Black

Nickel Titanium Yellow



Titanium Chrome Yellow

Cobalt Aluminate Blue



Cobalt Chromite Blue Green

Cobalt Titanium Green




















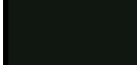
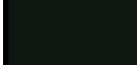


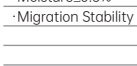

Chromium Iron Brown

Zinc Ferrite Brown

While every attempt has been made to reproduce colours exactly,the samples printed here may differ slightly from the original.

If your desired colour is not included in this brochure,please contact local Fulln sevice representatives to support you in finding a solution.

Glass Pigments

Mass tone	Item No.	Pigment CI Name	Item Name	Composition	CAS No.	Technical Indication				
						Heat Stability	Oli Absorb g/100g	Moisture %	Particle Size (um) ≤	Sieve Residue (325mesh)
	FU-GS128	C.I. Pigment Red 108	Cd Red	Cd-Se-S	58339-34-7	750°C	15-30	≤0.5	2.5	≤0.05
	FU-GS168	C.I. Pigment Red 108	Cd Red	Cd-Se-S	58339-34-7	750°C	15-30	≤0.5	2.5	≤0.05
	FU-GS178	C.I. Pigment Red 108	Cd Orange	Cd-Se-S	12656-57-4	750°C	15-30	≤0.5	2.5	≤0.05
	FU-GS198	C.I. Pigment Red 108	Cd Red	Cd-Se-S	58339-34-7	750°C	15-30	≤0.5	2.5	≤0.05
	FU-GS208	C.I. Pigment Yellow 34	Cd Yellow	Cd-S	12656-57-4	750°C	15-30	≤0.5	2.0	≤0.05
	FU-GS280	C.I. Pigment Yellow 35 (77205)	Lemon Yellow	Cd-S-Zn	8048-07-5	750°C	15-30	≤0.5	2.0	≤0.05
	FU-GS232	C.I. Pigment Brown 33 (77503)	Red Brown	Fe-Cr-Zn	68186-88-9	800°C	15-22	≤0.2	2.0	≤0.05
	FU-GS273	C.I. Pigment Brown 33 (77503)	Coffee Brown	Fe-Cr-Al	68187-09-7	800°C	15-22	≤0.5	3.0	≤0.05
	FU-GS251	C.I. Pigment Brown 24 (71310)	Titanium Chromium Yellow	Ti-Cr-Sb	68186-90-3	800°C	10-20	≤0.3	2.0	≤0.05
	FU-GS261	C.I. Pigment Brown 24 (71310)	Zinc Iron Chromium Brown	Ti-Cr-Sb	68186-90-3	800°C	10-20	≤0.3	2.0	≤0.05
	FU-GS405	C.I. Pigment Green 17 (77288)	Dark Green	Cr-O	1308-38-9	1000°C	10-25	≤0.3	2.0	≤0.05
	FU-GS416	C.I. Pigment Green 50 (77377)	Cobalt Green	Co-Ti	68186-85-6	750°C	10-25	≤0.3	2.0	≤0.05
	FU-GS401	C.I. Pigment Green 26	Peacock Green	Co-Cr-Al-Zn	68187-49-5	1000°C	10-25	≤0.3	2.0	≤0.05
	FU-GS411	C.I. Pigment Green 26	Peacock Green	Co-Cr-Al-Zn	68187-49-5	1000°C	10-25	≤0.3	2.0	≤0.05
	FU-GS411-1	C.I. Pigment Green 26	Peacock Green	Co-Cr-Al-Zn	68187-49-5	1000°C	10-25	≤0.2	1.0	≤0.05
	FU-GS512	C.I. Pigment Blue 36	Sky Blue	Co-Cr-Al	68187-11-1	1000°C	10-25	≤0.2	2.0	≤0.05
	FU-GS541	C.I. Pigment Blue 36	Peacock Blue	Co-Cr-Al-Zn	68187-11-1	1000°C	10-25	≤0.2	2.0	≤0.05
	FU-GS584	C.I. Pigment Blue 28 (77346)	Cobalt Aluminate Black	Co-Al	1345-16-0	1000°C	15-30	≤0.2	2.0	≤0.05
	FU-GS594	C.I. Pigment Blue 28 (77346)	Cobalt Aluminate Black	Co-Al	1345-16-0	1000°C	15-30	≤0.2	2.0	≤0.05
	FU-GS601	C.I. Pigment Black 28 (77428)	Copper Chromite Black	Cu-Cr	68186-91-4	750°C	15-25	≤0.2	1.5	≤0.05
	FU-GS602	C.I. Pigment Black 28 (77428)	Copper Chromite Black	Cu-Cr	68186-91-4	750°C	15-25	≤0.2	1.5	≤0.05
	FU-GS621	C.I. Pigment Black 28 (77428)	Copper Chromite Black	Cu-Cr	68186-91-4	750°C	15-25	≤0.2	1.0	≤0.05
	FU-GS101	C.I. Pigment White 6 (77891)	White	Ti-O	13463-67-7	750°C	10-20	≤0.2	0.5	≤0.05












Feature

- Sieve Residue (325mesh) ≤0.05%
- Moisture≤0.5%
- Migration Stability

Remark

- Package 25KG/Bag
- Colors may vary as shown depending on application and for indication only
- Produced according to the requirements of RoHS
- Custom-made color available

Enamel Pigments

Mass tone	Item No.	Pigment CI Name	Item Name	Composition	CAS No.	Technical Indication		
						Heat Stability	Moisture %	Sieve Residue (325mesh)
	FU-E108	C.I. Pigment Red 108	Cd Red	Cd-Se-S	58339-34-7	900°C	≤0.5	≤0.10
	FU-E228	C.I. Pigment Red 108	Orange	Cd-Se-S	12656-57-4	900°C	≤0.5	≤0.10
	FU-E208	C.I. Pigment Yellow 34	Cd Yellow	Cd-S	12656-57-4	900°C	≤0.5	≤0.10
	FU-E146	C.I. Pigment Red 233 (77301)	Maroon	Sn-Cr-Ca-Si	68187-12-2	1200°C	≤0.3	≤0.30
	FU-E242	C.I. Pigment Red 233 (77301)	Coffee Brown	Fe-Cr-Al	68187-09-7	900°C	≤0.3	≤0.10
	FU-E512	C.I. Pigment Green 26	Peacock Green	Co-Cr-Al-Zn	68187-49-5	1200°C	≤0.3	≤0.10
	FU-E351	C.I. Pigment Yellow 53 (77788)	Nickel Titanium Yellow	Ti-Ni-Sb	8007-18-9	900°C	≤0.3	≤0.10
	FU-E405	C.I. Pigment Green 50 (77377)	Chrome Green	Cr-O	1308-38-9	1200°C	≤0.3	≤0.10
	FU-E412	—	Green	Cr-Al	—	1200°C	≤0.3	≤0.10
	FU-E513	C.I. Pigment Blue 73	Blue	Co-Si	68187-40-6	1200°C	≤0.3	≤0.10
	FU-E523	C.I. Pigment Blue 36	Sky Blue	Co-Cr-Al	68187-11-1	1200°C	≤0.3	≤0.10
	FU-E561	C.I. Pigment Blue 71	Sky Blue	Zr-Si-V	68186-95-8	1200°C	≤0.3	≤0.10
	FU-E584	C.I. Pigment Blue 28 (77346)	Cobalt Aluminate Blue	Co-Al-Zn	68186-87-8	1200°C	≤0.3	≤0.10
	FU-E653	C.I. Pigment Black 27	Cobalt Aluminate Black	Cr-Co-Fe-Cu	68186-97-0	1200°C	≤0.3	≤0.10
	FU-E683	C.I. Pigment Brown 29 (77500)	Chromite Iron Black	Fe-Cr	12737-27-8	900°C	≤0.3	≤0.10
	FU-E693	C.I. Pigment Black 28 (77428)	Copper Chromite Black	Cu-Cr	68186-91-4	900°C	≤0.3	≤0.10
	FU-E752	C.I. Pigment Black 25	Gray	Co-Fe-Cr-Zr-Si	68186-89-0	1000°C	≤0.3	≤0.10
	FU-E782	C.I. Pigment Black 24	Gray	Ti-V-Sb	68187-00-8	1000°C	≤0.3	≤0.10

Feature

- Sieve Residue (325mesh) ≤0.10%
- Moisture≤0.5%
- Migration Stability

Remark

- Package 25KG/Bag
- Colors may vary as shown depending on application and for indication only
- Produced according to the requirements of RoHS
- Custom-made color available

Coating Pigments

Mass tone	Tint tone	Item No.	Pigment CI Name	Item Name	Composition	CAS No.	Physical Properties					Chemical Resistance				
							Particle Size (um) <	PH Value	Oil Absorb g/100g	Moisture %	Sieve Residue (325mesh)	Electrical Conductivity us/cm	Heat Stability °C	Weather Resistance (1-5)	Light Fastness (1-8)	Acid and Alkali Resistance (1-5)
		FU-C601	C.I. Pigment Black 28 (77428)	Copper Chromite Black	Cu-Mn-Cr	68186-91-4	1.5	6-9	15-25	≤0.2	≤0.02	≤200	800°C	5	8	5
		FU-C603	C.I. Pigment Brown 29 (77500)	Chromium Iron Black	Fe-Cr	12737-27-8	2.5	6-9	10-25	≤0.2	≤0.02	≤200	1000°C	5	7-8	5
		FU-C605	C.I. Pigment Black 26 (77494)	Manganese Ferrite Black	Mn-Fe	68186-94-7	2.0	6-9	10-25	≤0.2	≤0.02	≤200	800°C	5	7-8	5
		FU-C211	C.I. Pigment Yellow 53 (77788)	Nickel Titanium Yellow	Ti-Ni-Sb	8007-18-9	2.0	6-9	10-25	≤0.2	≤0.02	≤200	1000°C	5	7-8	5
		FU-C251	C.I. Pigment Brown 24 (71310)	Titanium Chrome Yellow	Ti-Cr-Sb	68186-90-3	2.0	6-9	11-17	≤0.2	≤0.02	≤200	1000°C	5	7-8	5
		FU-C411	C.I. Pigment Green 26	Peacock Green	Co-Cr-Al-Zn	68187-49-5	2.0	6-9	10-25	≤0.2	≤0.02	≤200	1200°C	5	7-8	5
		FU-C584	C.I. Pigment Blue 28 (77346)	Cobalt Blue	Co-Al	1345-16-0	2.0	6-9	25-35	≤0.2	≤0.02	≤200	1200°C	5	7-8	5
		FU-C554	C.I. Pigment Blue 28 (77346)	Cobalt Aluminate Blue	Co-Al	1345-16-0	2.0	6-9	25-35	≤0.2	≤0.02	≤200	1200°C	5	7-8	5
		FU-C501	C.I. Pigment Blue 36	Cobalt Chromite Blue-Green	Co-Cr-Al	68187-11-1	2.5	6-9	15-25	≤0.2	≤0.02	≤200	1200°C	5	7-8	5
		FU-C400	C.I. Pigment Green 50 (77377)	Cobalt Titanium Green	Ti-Co-Zn-Ni	68186-85-6	2.5	6-9	10-20	≤0.2	≤0.02	≤200	1000°C	5	7-8	5
		FU-C232	C.I. Pigment Brown 33 (77503)	Chromium Iron Brown	Zn-Fe-Cr	68186-88-9	2.0	6-9	15-25	≤0.2	≤0.02	≤200	1000°C	5	7-8	5
		FU-C252	C.I. Pigment Yellow 119 (77496)	Zinc Ferrite Brown	Zn-Fe	68187-51-9	1.5	6-9	10-25	≤0.2	≤0.02	≤200	800°C	5	7-8	5

Feature

- Sieve Residue (325mesh) ≤0.10%
- Moisture≤0.2%
- Light Fastness 7-8
- Weathering Fastness 5
- Acid and Alkali Resistance 5
- Electrical Conductivity≤200
- Migration Stability

Remark

- Package 25KG/Bag
- Colors may vary as shown depending on application and for indication only
- Produced according to the requirements of RoHS
- Custom-made color available

Plastic Pigments

Mass tone	Item No.	Pigment CI Name	Item Name	Composition	CAS No.	Physical Properties					Chemical Resistance				
						Particle Size (um) <	PH Value	Oil Absorb g/100g	Moisture %	Sieve Residue (325mesh)	Electrical Conductivity us/cm	Heat Stability °C	Weather Resistance (1-5)	Light Fastness (1-8)	Acid and Alkali Resistance (1-5)
	FU-PS601	C.I. Pigment Black 28 (77428)	Copper Chromite Black	Cu-Mn-Cr	68186-91-4	1.5	6-9	15-25	≤0.2	≤0.05	≤100	800°C	5	8	5
	FU-PS603	C.I. Pigment Brown 29 (77500)	Chromium Iron Black	Fe-Cr	12737-27-8	2.0	6-9	11-20	≤0.2	≤0.05	≤200	800°C	5	8	5
	FU-PS605	C.I. Pigment Black 26 (77494)	Manganese Ferrite Black	Mn-Fe	68186-94-7	2.5	6-9	11-25	≤0.2	≤0.05	≤200	800°C	4-5	8	4-5
	FU-PS211	C.I. Pigment Yellow 53 (77788)	Nickel Titanium Yellow	Ti-Ni-Sb	8007-18-9	2.5	6-9	10-25	≤0.2	≤0.05	≤200	1000°C	5	8	5
	FU-PS251	C.I. Pigment Yellow 24 (71310)	Chrome Antimony Titanium Buff	Ti-Cr-Sb	68186-90-3	2.0	6-9	11-17	≤0.2	≤0.10	≤200	800°C	5	7-8	5
	FU-PS252	C.I. Pigment Yellow 119 (77496)	Zinc Iron Yellow	Zn-Fe	68187-51-9	2.5	6-9	10-25	≤0.2	≤0.05	≤200	800°C	4-5	7-8	5
	FU-PS232	C.I. Pigment Brown 33 (77503)	Chromium Iron Brown	Zn-Fe-Cr	68186-88-9	2.5	6-9	15-25	≤0.2	≤0.05	≤200	1000°C	5	8	5
	FU-PS400	C.I. Pigment Green 50 (77377)	Cobalt Titanium Green	Ti-Co-Zn-Ni	68186-85-6	2.0	6-9	12-20	≤0.2	≤0.05	≤200	1000°C	5	8	5
	FU-PS574	C.I. Pigment Blue 28 (77346)	Cobalt Aluminate Blue	Co-Al	1345-16-0	2.0	6-9	25-35	≤0.3	≤0.05	≤200	1000°C	5	8	5
	FU-PS501	C.I. Pigment Blue 36	Cobalt Chromite Blue-Green	Co-Cr-Al	68187-11-1	1.5	6-9	10-25	≤0.3	≤0.05	≤200	1000°C	5	8	5

Feature

- Sieve Residue (325mesh) ≤0.05%
- Moisture≤0.2%
- Light Fastness 7-8
- Weathering Fastness 4-5
- Acid and Alkali Resistance 4-5
- Electrical Conductivity≤200
- Migration Stability

Remark

- Package 25KG/Bag
- Colors may vary as shown depending on application and for indication only
- Produced according to the requirements of RoHS
- Custom-made color available