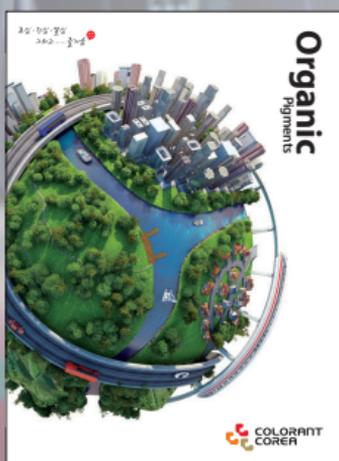


초심·진심·열심
그리고.....즐거움 😊

Colorant Core Pigments & Dispersions



COLORANT COREA Co., Ltd. is a company specialized in manufacturing and selling eco-friendly & characterized functional lead free pigment and processed pigment like aqueous colorant. Taking 'Respect for human' and 'Customer impression' as highest value, we will make a return for customer's trust and expectation with best service satisfying customer's needs and stable supply of product.

- We plan to be one step ahead of **challenges** by using our **creativity**, **passion** and analytical skills.
- We move forward by adapting to change, with **positive thinking and action**.
- We develop the future of color industries with **can-do attitude and contribute to coloring** the global village with splendid colors and enriching human life as well as caring for the environment.

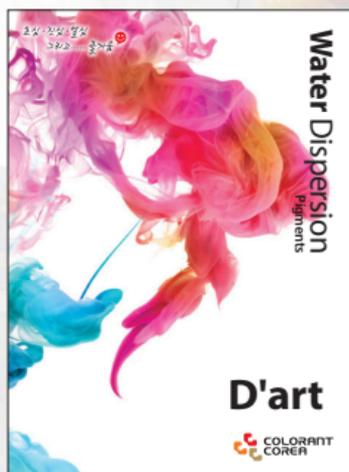
MooHaN Colorant

2000.02.02 ~

2001.11.30 ~



Colorant Core Pigments & Dispersions



+ History

- 2000.02.02 ○ 'MOOHAN Colorant' established (111-1, Jangjeon-Dong, Geumjeong-Gu, Busan)
- 2001.11 ● Changed company name to "COLRANT COREA" and Moved to Yangsan (782-4, Eogok-dong, Yangsan, Kyongnam)
- 2010.02.01 ● Converted to corporation, COLORANT COREA Co.,Ltd (1228-2, Joil-li, Samdong-myeon, Ulju-gun, Ulsan)
- 2011.05 ● Certified As Exclusive Dept. For Research (Korea Industrial Technology promotion Association)
- 2017.07 ● Signed cooperative agreement with DONG-EUI INSTITUTE OF TECHNOLOGY
- 2019.05 ● COLORANT COREA built #2 Factory. (32, Gongjak-gil, Gangseo-gu, Busan)
- 2019.06 ● Success for SME interdisciplinary integration and commercialization technology development business project. (Korea Technology & Information Promotion Agency for SMEs)
- 2021.02 ▼ #2 Factory expanded and Moved to near Headquarters. (Amnihabang-gil, Samdong-myeon, Ulju-gun, Ulsan)

Colorant Corea

2003.02.01 ~

Colorant Corea Co., Ltd.

2010.02.30 ~



칼라런트코리아

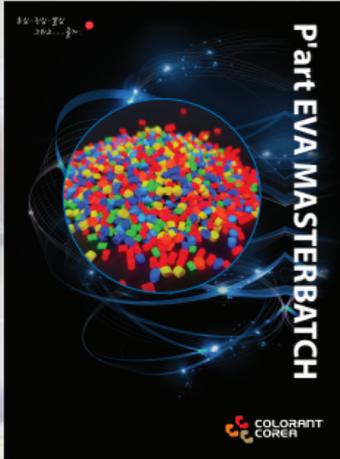


이주 칼라런트코리아 COLORANT COREA CO.,LTD.



ISO 9001:2015
ISO 14001:2015

Colorant Core Pigments & Dispersions



+ Certifications



patent



Exclusive Dept for R & D



INNO-BIZ



Venture Business



MAIN-BIZ



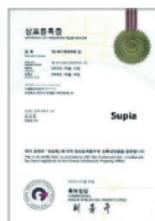
Talent Development



ISO9001



ISO14001



Supia Trademark



Cera Pigments (Eurasian)



Eco Pigments (Eurasian)



Organic Pigments (Eurasian)

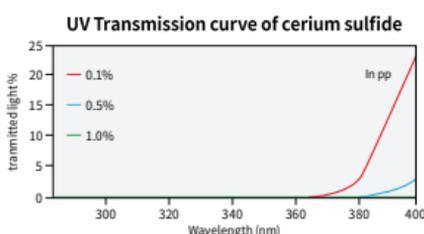
SUPIA HIGH-PERFORMANCE PIGMENT®



SUPIA High-Performance (HPP) is an environmentally responsible, high performance inorganic pigments which is rare earth-based pigments. This can be an alternative pigments cause it is effectively able to replace the CADMIUM, LEAD and the pigments based on the organic. SUPIA High-Performance (HPP) complies with the Council of Europe Resolution AP 89(1) for food contact as well as the European Union's EN 71-3 (Toy Safety Standard)

+ Main Features of Supia Pigment

- Heavy Metal FREE
- Unique soft crystal Inorganic Pigment
- Outstanding Thermal Stability (300°C)
- Exceptional Weather Resistance and Light fastness
- Infra-red Reflection Properties
- No bleeding and Migration



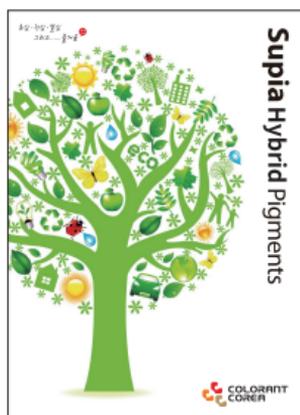
Technical data

Product Name	Co Lor INde X	MASSTONE	1:8 TINT	Specific Gravity (g/cm ³)	oil absorption (g/100g)	Particle size (µm)	Sliver residue (325mesh) (%)	Heat resistance (°C)	Lightfastness
YELLOW S	PY-184								
L/ORNAGE S2	PO-78								
ORANGE S2	PO-75			4.5 ~ 5.0	20 ~ 28	1.0 ~ 2.0	> 0.3	300	8
RED S2	PR-265								
BURGUNDY S2	PR-275								
BLACK EN-1010				4.5 ~ 5.0	20 ~ 28	1.0 ~ 2.0	> 0.3	1,200	8

+ Main Uses of Supia Pigment

- PLASTIC (PE, PP, PS, PET, PBT, ABS, PC, NYLON)
- FIBER
- COATING
- COSMETICS etc

SUPIA HYBRID PIGMENT® BV SERIES



The pigments containing with heavy metal such as Lead , Cadmium etc have many limits in use. Supia Hybrid pigments is effectively improved in low Light fastness and insufficient hiding power so that they can be eco-friendly safe use in the field of Plastic, Paint & Coating industry.

+ Main Features of Supia hybrid Pigment

- Heavy Metal FREE
- Outstanding Thermal Stability
- Excellent Light fastness and Weather resistance
- No Bleeding and Migration

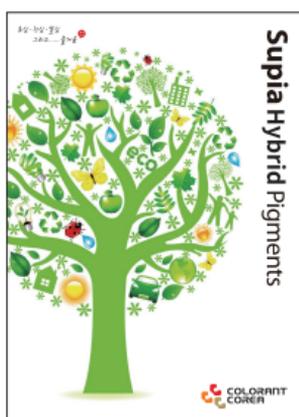
Technical data

Product Name	Co Lor INdeX	MASSTONE	1:8 TINT	Specific Gravity	oil absorption	pH	Heat resistance	Lightfastness
				(g/cm ³)	(g/100g)		(°C)	
YELLOW BV 430S	PY-184			5.7	12 ~ 16	7.0 ~ 8.0	270	8
YELLOW BV 440	PY-184			5.7	14 ~ 20	7.0 ~ 8.0	240	8
YELLOW BV 433	MIXTURE			5.0	16 ~ 22	6.0 ~ 8.0	250	8
YELLOW BV 411	MIXTURE			3.2	22 ~ 28	6.0 ~ 8.0	250	7
ORANGE BV 550	MIXTURE			3.0 ~ 4.0	17 ~ 23	6.0 ~ 8.0	240	8
RED BV 630	MIXTURE			3.5 ~ 4.0	21 ~ 27	6.0 ~ 8.0	240	8

+ Main Uses of Supia hybrid Pigment

- PLASTIC
- PAINT
- INK

SUPIA HYBRID PIGMENT® MX SERIES



The pigments containing with heavy metal such as Lead , Cadmium etc have many limits in use. Supia Hybrid pigments is effectively improved in low Light fastness and insufficient hiding power so that they can be eco-friendly safe use in the field of Plastic, Paint & Coating industry.

+ Main Features of Supia hybrid Pigment

- Heavy Metal FREE
- Outstanding Thermal Stability
- Excellent Light fastness and Weather resistance
- Bright color and excellent hiding power
- No Bleeding and Migration

Technical data

Product Name	Co Lor INdeX	MASSTONE	1:8 TINT	Specific Gravity (g/cm ³)	Il absorption (g/100g)	Particle Size (µm)	Heat resistance (°C)	Light fastness
YELLOW MX34L	MIXTURE			2.7 ~ 3.3	27 ~ 33	≦ 2.0	250	7
YELLOW MX34M	MIXTURE							
YELLOW MX34D	MIXTURE							
YELLOW MX34R	MIXTURE							
ORANGE MX104	MIXTURE			2.5 ~ 3.1	36 ~ 44	≦ 2.0	250	7
GREEN MX13L	MIXTURE			3.0 ~ 3.5	20 ~ 25	≦ 2.0	250	7
GREEN MX13D	MIXTURE							

+ Main Uses of Supia hybrid Pigment

- PLASTIC
- PAINT
- INK

CERA PIGMENT



CERA PIGMENT is Complex Metal Oxide Pigment (or Ceramic Pigment), which is compound been solid-solution treatment mixed with materials selected Metal oxide, by calcination Process at High temperature, have stable crystal structure.

So that it is next generation pigment which is environment-friendly that have great heat resistance, physical and chemical features.

COLORANT COREA CO., LTD. will supply best services continuously and stably with optimized product for customer's needs.

Characteristics of product

- Excellent Heat-resistance
- Excellent Light-resistance and Weather-resistance
- Excellent Chemical-resistance and Insolubility
- Non-bleeding, Non-migrating

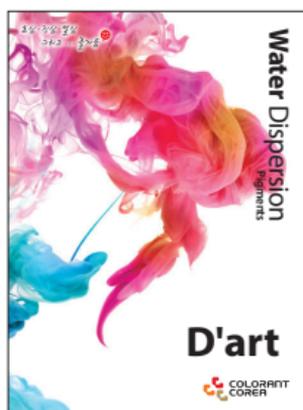
Applications

- **Plastics** : It can be applied to all resin including of Engineering plastics like polyamide, polycarbonate and PVC, polyolefine, ABS.
- **Surface Coatings** : Surface coating which requires heat-resistance, lightresistance, chemical resistance such as camouage pigment, stove equipment, coil coating
- **Ceramics** : Ceramic includes steel, cast iron and glass enamel, which requires heatresistance, etc.
- **Artist's colors** : High quality of oil-color and water soluble products and acrylic colorincluding pastel, etc.
- **Interior-exterior Material For Architecture** : Build material requires chemical-resistance, light-resistance such as concrete block, concrete roof tile.

Product Name Pigment Color Index	MASSTONE	1:8 TINT	Specific Gravity	Oil Absorption (ml/100g)	Particle Size (µm)	PH	Heat Stability (°C)
Cera Yellow N4053L [Ti-Ni-Sb] C.I Pigment Yellow 53			4.6	13	1.2	8	1,000
Cera Yellow JM4053 [Ti-Ni-Sb] C.I Pigment Yellow 53			4.8	13	1.2	9	1,000
Cera Yellow T1024C [Ti-Cr-Sb] C.I Pigment Brown 24			4.5	14	1.0	7	1,000
Cera Yellow PL1024 [Ti-Cr-Sb] C.I Pigment Brown 24			4.5	15	1.0	8	1,000
Cera Yellow ZF15 [Zn-Fe] C.I Pigment Yellow119			4.0	20	2.0	6	900
Cera Yellow ZF25M [Zn-Fe] C.I Pigment Yellow119			4.0	20	2.0	6	900
Cera Aqua TK8028 [Co-Al-Ti] C.I Pigment Blue 28			3.8	25	2.0	11	1,000
Cera Blue CO8028 [Co-Al] C.I Pigment Blue 28			4.0	30	0.9	8	1,200
Cera Blue CO8036 [Co-Cr-Al] C.I Pigment Blue 36			4.5	20	0.9	8	1,200
Oxide Green GA74 [Cr] C.I Pigment Green 17			5.3	20	0.5	7	900
Oxide Green GA76 [Cr] C.I Pigment Green 17			5.3	20	0.5	7	900
Cera Green CM9926 [Co-Cr-Zn-Ti] C.I Pigment Green 26			5.0	14	2.1	7	1,000
Cera Green CO9950 [Co-Ni-Ti-Zn] C.I Pigment Green 50			5.0	12	1.2	9	1,000
Mn Violet P7316 [Mn] C.I Pigment Violet 16			2.5	20	2.0	4	300
Red Brown MX2313 C.I Pigment Mixture			4.0	30	1.0	5	300
Cera Black MX2828 [Cu-Cr-Mn] C.I Pigment Black 28			5.0	22	1.5	6	900
Cera Black F9900M [Fe-Mn] C.I Pigment Black 26			5.0	20	2.0	7	900



WATER DISPERSION



This product is resin free dispersion which can be used in any water based system.

"D'art" is VOC and APEO(Alkyl phenol Ethoxylate) FREE and manufactured using ISO9001 / ISO14001 accredited systems.

"D'art" can be easily incorporated in multiple types of aqueous mediums due to superior wetting and dispersing agents.

"D'art" forms stable dispersions without aggregation or agglomeration, resisting setting, flooding and floating.

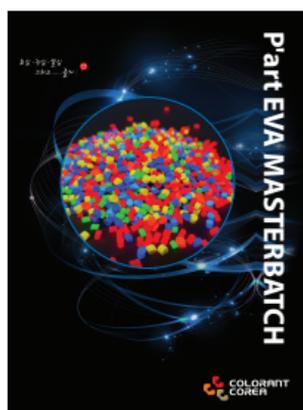
"D'art" has high tinting strength with a small and uniform particle distribution.

"D'art" is ideally suited for use in factory tint color systems.

"D'art" can be used in many different applications, but is especially suited to exterior house paints due to the high quality pigments which have great weather stability, light fastness and chemical stability.

Product Name Pigment Color Index	FULL SHADE (20%)	TINT SHADE (2%)	Approx Pigment (%)	Specific Gravity	Light Fastness Approx	
					Full	Tint
D'art Yellow GX-3 C.I Pigment Yellow 3			40	1.14	6-7	6
D'art Yellow 2GX C.I Pigment Yellow 74			40	1.16	7	6
D'art Yellow 5GX C.I Pigment Yellow 154			40	1.15	8	8
D'art Orange HL36 C.I Pigment Orange 36			30	1.13	8	7
D'art Red 1010 C.I Pigment Red 112			40	1.16	7	6
D'art Red 1020 C.I Pigment Red 170			40	1.15	7	6-7
D'art Red 1030 C.I Pigment Red 254			40	1.14	8	7
D'art Red 1040 C.I Pigment Violet 19			40	1.16	7-8	7
D'art Violet R C.I Pigment Violet 23			30	1.13	7-8	7
D'art Blue UL C.I Pigment Blue 29			60	1.34	8	8
D'art Blue AFL C.I Pigment Blue 15			40	1.23	8	8
D'art Blue AFA C.I Pigment Blue 15			45	1.23	8	8
D'art Blue BFB C.I Pigment Blue 153			40	1.26	8	8
D'art Green GB C.I Pigment Green 7			45	1.34	8	8
D'art Green GM C.I Pigment Mixture			55	1.45	8	7-8
D'art Black BK(S) C.I Pigment Black 7			40	1.21	8	8
D'art Black BN C.I Pigment Black 7			40	1.2	8	8
D'art White TR C.I Pigment White 6			70	1.9	8	8
D'art Yellow OX23 C.I Pigment Yellow 42			60	1.78	8	8
D'art Red OX13 C.I Pigment Red 101			60	1.8	8	8

P'ART MASTERBATCH



It is an eco-friendly product designed to obtain uniform and high-quality products by facilitating compatibility and dispersibility with thermoplastic resins. Since there is no dust generation, a pleasant work environment can be maintained. Long-term storage stability is excellent. According to customer requirements, we are manufacturing and supplying various EVA (Ethylene Vinyl Acetate) MasterBatch products.

P'art EVA M/B Main application.

- Toys and mats for infants • Water play products
- Foam rollers and other sports equipment
- Soundproofing and sound-absorbing material
- Inter-floor sound insulation material
- Fishing gear (buoys) • Safety protective gear such as raincoats and life jackets
- Sneakers • Sandals • Shoe Soles
- Flexible hose • Other EVA products, etc.

Product Name	Color Sheet		Color Index Generic Name	Resistance			Approx Pigment (%)
	Full Shade	(Tint) Shade		Light	Heat	Migration	
WHITE E1062			PW-6	E	E	E	20~30
YELLOW E2512			PY-14	G	G	VG	15~25
YELLOW E2422			PY-42	E	N	E	15~25
YELLOW E2832			PY-83	G	G	E	15~25
YELLOW E2512			PY-151	E	E	E	15~25
ORANGE E3132			PO-13	N	N	VG	15~25
ORANGE E3642			PO-64	E	E	E	15~25
PINK E4222			PR-122	E	E	E	15~25
RED E4822			PR-48:2	G	G	E	15~25
RED E4012			PR-101	G	G	E	15~25
RED E4442			PR-144	E	G	E	15~25
RED E4702			PR-170	E	G	E	15~25
RED E4142N			PR-214	E	E	E	15~25
RED E4542			PR-254	E	E	E	15~25
BLUE E5152			PB-15	E	G	E	15~25
BLUE E5512			PB-15:1	E	E	E	15~25
BLUE E5532			PB-15:3	E	E	E	15~25
BLUE E5292			PB-29	E	E	E	15~25
GREEN E6072			PG-7	E	E	E	15~25
VIOLET E8232			PV-23	E	E	E	15~25
YELLOW E2500			FLUORESCENT	G	N	G	15~25
ORANGE E3500			FLUORESCENT	G	N	G	15~25
PINK E4400			FLUORESCENT	G	N	G	15~25
RED E4160			FLUORESCENT	G	N	E	15~25
MAGENTA E7700			FLUORESCENT	G	N	G	15~25
BLUE E5500			FLUORESCENT	G	N	E	15~25
GREEN E6500			FLUORESCENT	G	N	G	15~25

Performance (Heat Resistance)	E : Excellent 270~300 °C	VG : Very Good 250 °C above	G : Good 200 °C above	N : Normal 150~180 °C above
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