

## Color that's meant to last.

OXERRA is internationally recognized as a superior manufacturer of iron oxide and other pigments for the coatings, plastics, specialties and construction industries. Our drive to produce high-quality, unquestionably pure pigments combined with our iron-clad customer service makes us the obvious choice.



More information  
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2024.10.25



## Color Pigment Portfolio 彩色颜料产品组合



Empower Color Globally



让生活更多彩  
Coloring Your Life

傲色莱是全球领先的无机颜料开发商和制造商，生产基地遍布世界。我们在全世界范围内为色彩赋能，提供可提高人们生活质量的解决方案。

OXERRA is a leading developer and manufacturer of inorganic pigments, boasting a worldwide manufacturing presence. We empower color on a global scale, offering solutions that enhance the quality of life for people worldwide.



- 致力生产以最先进科技，兼具价格竞争力及吸引力之颜料
- 为平凡的世界增添无限活力及色彩
- 作为氧化铁与无机颜料业界的先驱，致力于为客户提供最优质的产品与服务
- To provide pigments produced from our latest technology with competitive and attractive price.
- To bring vitality and brilliance to a tintless world.
- As a pioneer in iron oxide and inorganic pigment industry, we aim to provide our customers with the finest quality of products and services.

傲色莱集团在全球五大洲（美洲、亚洲、大洋洲、欧洲和非洲）均设置有生产基地和办事处，在无机颜料的持续供应方面处于世界领先地位。

我们的全球战略不断推动集团向前发展，工厂以最高水平的环保和可持续发展技术生产氧化铁颜料及其他彩色颜料，为所有行业提供了无与伦比的产品和服务。

我们的销售网络覆盖全球，专注于为各种应用领域提供可持续的高品质颜料，我们的产品被广泛应用于数以千计的日用品中，包括油漆、塑料、化妆品、纸张、药品、油墨、催化剂、装饰混凝土、砖石、屋瓦、沥青和水净化等领域。

With manufacturing operations and divisional offices on five continental regions: America, Asia, Australasia, Europe and Africa, OXERRA leads the world in sustainable supply of inorganic pigments.

Our global strategy propels us forward to provide unrivalled products and services in iron oxide and color pigment manufacture with the highest level of sustainable and eco-friendly technology for all industries.

With a network encompassing a global concentration on sustainable, high-quality pigments for every application imaginable our products are used in thousands of everyday items, including paints, plastics, cosmetics, paper, pharmaceuticals, inks, catalysts, decorative concrete, masonry, roof tiles, asphalt and in water purification.



# 全球生产网络 Global Production Network





## 色彩丰富 Colorful

色彩让城市活跃起来，摆脱单调的颜色  
Multicolor makes the city alive,  
free from bald colors

## FERROTINT™ 富乐添® 建材级 Construction Grade

### 产品特点

- 抗紫外线;
- 耐碱耐弱酸;
- 颜色稳定。

### 用途

适用于混凝土制品、墙砖、预制混凝土、文化石和建筑涂料等。

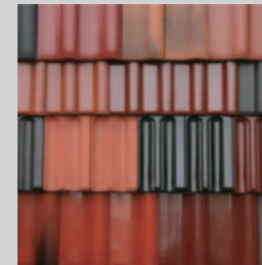
### Characteristics

- UV stable;
- Alkali and acid resistant;
- Color consistency.

### Application

Concrete product, wall tiles, pavement, ready mixed concrete, masonry, architectural paints etc.

彩瓦  
Colored Tile



彩砖  
Colored Brick



防滑道  
Anti-Skid Road



颜色品种 Color	红 Red	黄 Yellow	橙 Orange	棕 Brown	黑 Black	氧化铬绿 Chrome Green Oxides	钴蓝 Cobalt Blue Oxides	白 White	铁绿 Green
产品系列 Range	F2000-F4999	F5000-F5999	F6000-F6999	F8000-F8999	F9000-F9999	F10-F17	F28L	F30-F49	F18B
主要化学成分 Principal Chemical Constituent (as Fe <sub>2</sub> O <sub>3</sub> %)	94-97	84-86	88-90	89-95	95-99	Cr <sub>2</sub> O <sub>3</sub> Minimum 98.5%	CoCrAl Spinel	TiO <sub>2</sub> Minimum 98.0%	≥40
振实表现密度 Tamped Density (g/cm <sup>3</sup> )	0.80-1.20	0.30-0.70	0.40-0.70	0.70-1.00	0.80-1.10	0.80-1.20	0.50-0.80	0.70-0.90	0.90-1.20
水分 Moisture (Max.%)	1	1	1	1	1	1	1	1	1
密度 Density (g/cm <sup>3</sup> )	1.9-5.1	4.2	4.2-4.6	4.7-4.9	4.9-5.1	5.1	4.6	3.8-4.0	4.1
吸油/水量 Oil/Water Absorption (g/100g)	25-30	35-40	30-35	25-30	20-25	15-20	15-20	20-30	15-20
容积密度 Bulk Density (g/ml)	0.55-0.75	0.25-0.45	0.35-0.55	0.55-0.75	0.6-0.8	0.7-0.9	0.3	0.5	0.5

## 复古色调 Vintage Color

"Aquasac"市场领先PVA水溶袋包装  
"Aquasac" cold-water soluble packaging system,  
market leading poly vinyl alcohol film

## COLOURMIX™ 混凝土颜料 Colours For Concrete

### 产品特点

- 色彩自然;
- 按配比投料, 无需调色;
- 直接投放于混凝土搅拌车;
- 水溶袋作为可选项, 可免除拆包。

### Characteristics

- Natural color;
- Dosing according to the proportion, no need to mix the color;
- Direct placement in concrete mixer trucks;
- Water-soluble bags are available as an option, eliminating the need for unpacking.

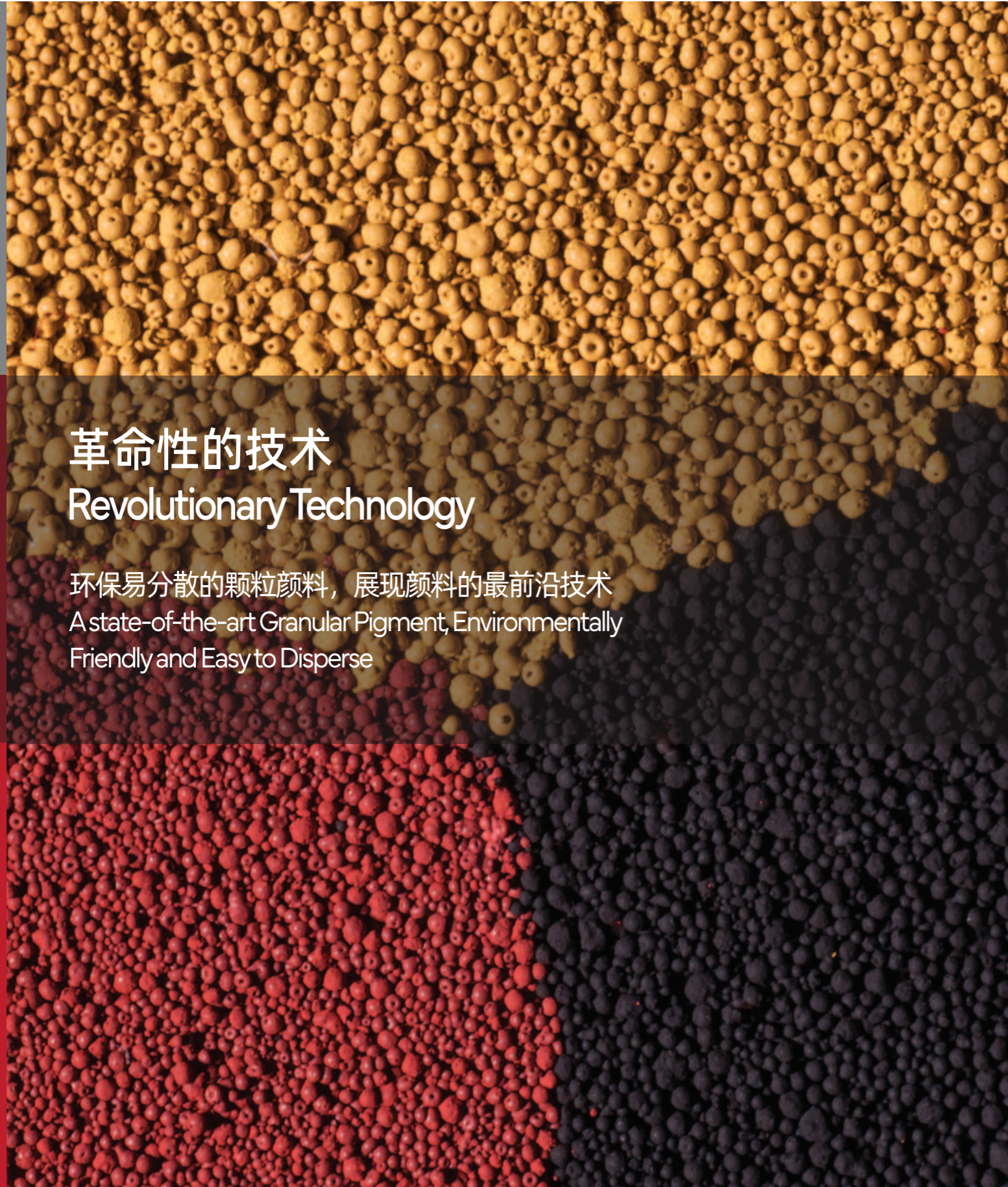


### 用途

适用于混凝土制品、墙砖、  
预制混凝土、水泥制品。

### Application

Applicable to concrete products, wall tiles,  
precast concrete, cement products etc.



## 革命性的技术 Revolutionary Technology

环保易分散的颗粒颜料，展现颜料的最前沿技术  
A state-of-the-art Granular Pigment, Environmentally  
Friendly and Easy to Disperse

## GRANUFIN® 颗粒颜料 Granule Color Pigment

### 产品特点

- 空心微球结构，干净无粉尘；
- 着色强度高，快速分散；
- 易流动，可用于自动化投料系统(比如CATHAYPULSE™, GRANUMAT®)，智能化工厂的首选。

### Characteristics

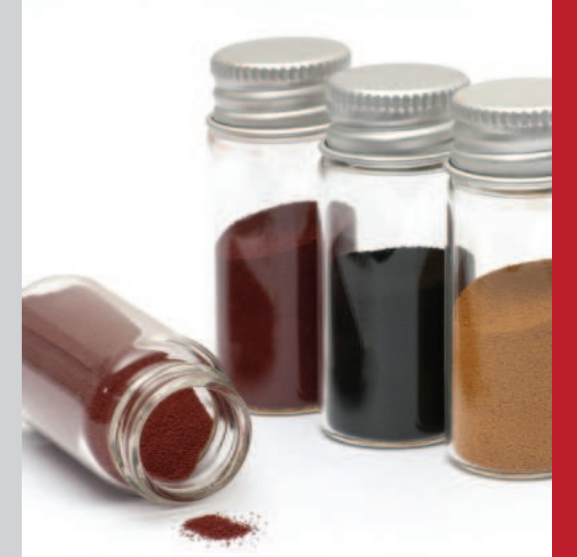
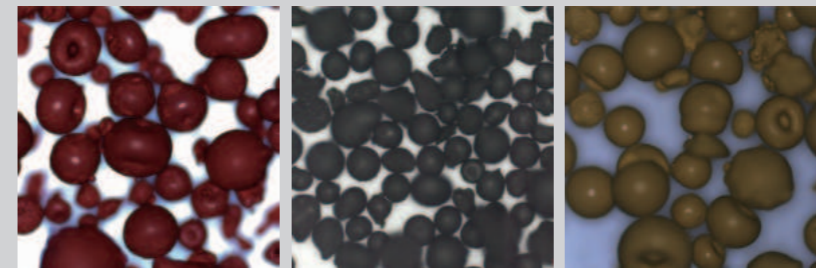
- A hollow microsphere particle, Clean & Dust Free;
- Stronger Strength, Faster Dispersion;
- Easy to flow, suitable for automatic dosing system (e.g. CATHAYPULSE™, GRANUMAT®), the first choice of intelligent factory.



CATHAYPULSE自动投料系统  
CATHAYPULSE automatic dosing system



GRANUMAT自动投料系统  
GRANUMAT automatic dosing system



### 用途

混凝土制品、墙砖、预制混凝土、砂浆和沥青等。

### Application

Concrete product, pavement, concrete bricks, ready mix concrete, roof tiles, mortars and asphalt etc.





## 更高效 High Efficiency

更少的分散时间，更高的效率  
Less dispersing time makes it more efficient

## Micronized Grades 超细易分散

氧化铁红 Iron Oxide Red	氧化铁黄 Iron Oxide Yellow	氧化铁黑 Iron Oxide Black	氧化铬绿 Chrome Oxide Green
<ul style="list-style-type: none"> <li>CATHAYCOAT™ RA RA11 to RA19</li> <li>KROMA Red® RO RO2097 to RO8097</li> <li>FERROXIDE® 200M 212M to 228M</li> <li>COPPERAS Red® R1299T to R8999T</li> </ul>	<ul style="list-style-type: none"> <li>CATHAYCOAT™ YA YA21E to YA50E</li> <li>FERROXIDE® 3000 3048 to 3050</li> <li>MAPICO® Yellow 1000AG 1050AG to 1075AG</li> <li>ULTRA YELLOW® YLO/YZ 1688D to 4088D</li> </ul>	<ul style="list-style-type: none"> <li>CATHAYCOAT™ BA BA30 to BA36</li> <li>FERROXIDE® BZ/BKD BZ5599 to BZ5799 BK5099D</li> </ul>	<ul style="list-style-type: none"> <li>CATHAYTHERM™ GAM GA74M to GA78M</li> </ul>

船舶涂料  
Marine Coating



防腐涂料  
Anticorrosive Coating



工程机械涂料  
Coatings For Engineering Machine



### 产品特点

- 超微细化，粉末细度高；
- 分散性好，海格曼细度达到6级以上；
- 只需较低分散能量（时间）。

### 用途

- 色浆
- 油漆
- 塑料
- 橡胶
- 油墨
- 造纸
- 木器漆
- 工业涂料
- 船舶涂料

### Characteristics

- Super-micronized and very fine powder;
- Good dispersibility with Hegman 6;
- Less energy (time) required during dispersing process.

### Application

- Colorant
- Paint
- Plastic
- Rubber
- Inks
- Paper
- Wood lacquer
- Industrial coating
- Marine coating



## 通用型 Popular

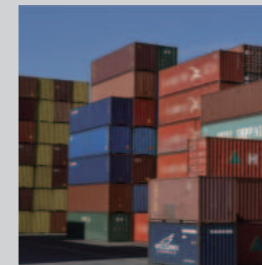
通用但不普通，防腐性能优异  
Popular but not Ordinary,  
Excellent Corrosion Resistance

## Standard Grades

### 标准级

氧化铁红 Iron Oxide Red	氧化铁黄 Iron Oxide Yellow	氧化铁黑 Iron Oxide Black	氧化铬绿 Chrome Oxide Green
<ul style="list-style-type: none"> <li>CATHAYCOAT™ RS RS11 to RS18</li> <li>KROMA Red® RR RR1597 to RR8597</li> <li>FERROXIDE® 200 212 to 228</li> </ul>	<ul style="list-style-type: none"> <li>CATHAYCOAT™ YS YS01 to YS61</li> <li>ULTRA YELLOW® YO YO2087 to YO8087</li> </ul>	<ul style="list-style-type: none"> <li>CATHAYCOAT™ BB BB30 to BB34</li> <li>FERROXIDE® BK BK4799T to BK5599</li> </ul>	<ul style="list-style-type: none"> <li>CATHAYTHERM™ GA GA74 to GA78</li> </ul>

集装箱涂料  
Container Coating



装饰纸  
Decorating Paper



建筑涂料  
Architectural Coating



### 产品特点

- 需要较高分散能量（时间）比如砂磨机，三辊机；
- 低电导,极好的防腐性能。

### Characteristics

- More energy (time) required with special equipment, such as sand mill and three rollers grinder;
- Low conductivity leading to excellent corrosion resistance.

### 用途

- 色浆
- 油漆
- 塑料
- 橡胶
- 油墨
- 造纸
- 工业涂料
- 船舶涂料

### Application

- Colorant
- Paint
- Plastic
- Rubber
- Inks
- Paper
- Industrial coating
- Marine coating





**更经济**  
**Economical**

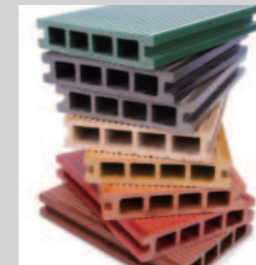
性价比高，满足许多行业的需求  
Highly cost-effective, meet the needs of many industries

**Benchmark Grades**

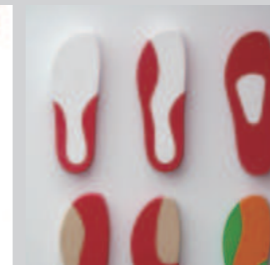
**基础级**

<b>氧化铁红</b> Iron Oxide Red	<b>氧化铁黄</b> Iron Oxide Yellow	<b>氧化铁黑</b> Iron Oxide Black
• CATHAYCOAT™ RC RC11 to RC19	• CATHAYCOAT™ YC YC21E to YC23B	• CATHAYCOAT™ BC BC30 to BC33

木塑  
Wood Plastic



鞋材  
Shoe Materials



色浆  
Pigment Preparation



**产品特点**

- 超高性价比

**Characteristics**

- High Cost-Effective

**用途**

色浆，油墨，汽车和船舶涂料，工业涂料，塑料，橡胶，造纸

**Application**

Colorant, paint, automotive and marine coating, industrial coating, plastic, rubber, inks and paper

# 耐高温 High Temperature Resistance

冲破传统氧化物颜料的温度极限，你还有什么后顾之忧？  
Beyond temperature limit of conventional oxide pigments, what are you hesitating at?

## CATHAYTHERM™ MAPICO® 耐温铁系氧化物 Thermostable Ferrite Pigment

### 产品特点

- 耐热性；
- 耐光耐候性；
- 无迁移性。

### Characteristics

- High temperature resistance;
- Excellent weather resistance;
- Non-migration.

粉末涂料  
Powder Coating



人造草丝  
Artificial Grass



不粘锅涂料  
Non-stick Coating



### 用途

塑胶，粉末涂料，工业烤漆，卷钢涂料，军用涂料，特种涂料，陶瓷和屋面造粒。

### Application

Plastics, powder coatings, high-bake temperature industrial finishes, coil coatings, military coatings, specialty coatings, ceramics, and roofing granules.

颜色品种 Color	包膜铁黄 Coated Iron Oxide Yellow	锌铁黄 Zinc Ferrite	镁铁棕 Magnesium Ferrite Brown	锰铁棕 Manganese Ferrite Brown	锰铁黑 Manganese Ferrite Black	铁红 Iron Oxide Red
化学成分 Chemical Composition	Fe <sub>2</sub> O <sub>3</sub> ·H <sub>2</sub> O	Fe <sub>2</sub> O <sub>3</sub> ·ZnO	MgFe <sub>2</sub> O <sub>4</sub>	(Fe, Mn) <sub>2</sub> O <sub>3</sub>	(Fe, Mn) <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>
颜色索引号 Color Index	P.Y. 42	P.Y. 119	P.Br. 11	P.Br. 43	P.Bk. 26/33	P.R. 101
耐热性 Temperature Limit	>230°C	>300°C	>300°C	>800°C	>500°C	>300°C

## 最耐久 Durable

可耐受超过700°C的高温，实现产品良好的稳定性  
Withstand high temperatures of over 700°C to achieve good product stability

## COLOURPLEX® 复合无机彩色颜料 Complex Inorganic Color Pigments

### 产品特点

- 最佳的热稳定性和耐化学性；
- 优异的颜料性能，易分散；
- 大部分颜料满足食品接触要求；
- 红外反射，可降低材料的温度，适配红外分拣设备，为节能和可回收提供可能。

### Characteristics

- Optimal thermal stability and chemical resistance;
- Excellent pigment properties, easy to disperse;
- Most pigments meet food contact requirements;
- Infrared reflection, which reduces the temperature of the material, is adapted to infrared sorting equipment and offers the possibility of energy saving and recyclability.

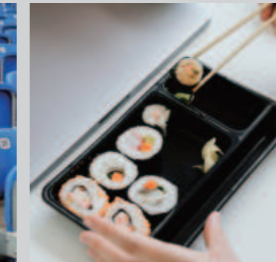
抗红外降温 and 户外乙烯基板  
Infrared Resistant Cooling and  
Outdoor Vinyl Panels



工程塑料  
Engineering Plastic



可回收塑料  
Recyclable Plastic



### 用途

高性能涂料，粉末涂料，卷钢涂料，高温防腐涂层，玻璃涂层，近红外可回收塑料，工程塑料，户外墙板，乙烯基板，军工等。

### Application

High performance coating, powder coating, coil steel coating, high-temperature anti-corrosion coatings, glass coatings, near-infrared recyclable plastic, engineering plastics, outdoor panels, vinyl siding, military, etc.

颜料名称 Pigment Name	铜铬黑 Copper Chromite Black	铁铬棕 Iron Chrome Brown	钴(铝)蓝 Cobalt Aluminate Blue	钴(铬)蓝 Cobalt Chromite Blue	钛镍黄 Nickel Titanate	钛铬黄(棕) Chrome Titanate
颜料索引号 Color Index	P. Bk. 28	P. Br. 29	P. Bl. 28	P. Bl. 36	P. Y. 53	P. Br. 24
耐高温性 Heat Resistance	>800°C	>800°C	>800°C	>800°C	>800°C	>800°C

## 鲜艳环保的无机橙色颜料 Vibrant and Eco-friendly Inorganic Orange Pigment

高色彩饱和度和性能优势  
Benefit in High Chroma and Performance

## SOLAPLEX® 钛锡黄 Titanium Tin Yellow

### 产品特点

- 最接近有机橙的无机颜料；
- 铅铬颜料的最优替代方案；
- 经FDA批准-食品接触FCN1252；
- n-IR红外反射率高；
- 耐候，耐高温，耐化学腐蚀。

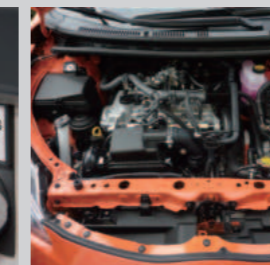
### Characteristics

- Inorganic pigments closest to organic orange pigments;
- Optimal alternatives to lead chromium pigments;
- FDA approved-food contact FCN1252;
- n-IR high infrared reflectivity;
- Durable in weatherfast, thermal stability and chemical resistance.

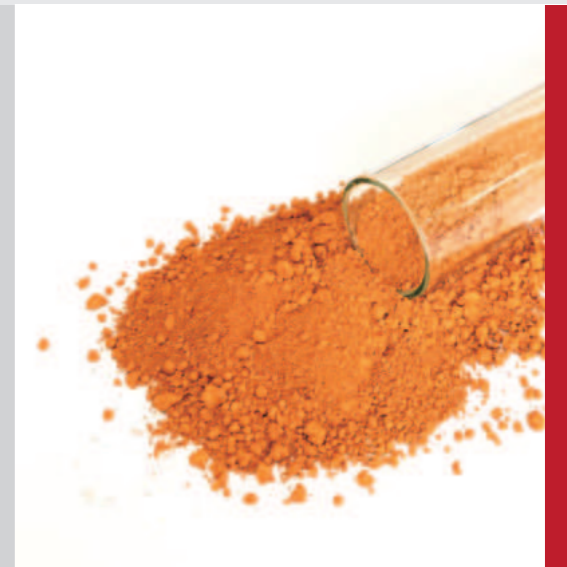
医疗器械  
Medical Equipment



汽车配件  
Automotive Accessories



线缆  
Cable



### 用途

用于户外粉末涂料、硅涂料、卷材涂料、汽车OEM涂料、航空航天、海洋防护等。  
符合高性能聚合物、户外塑料、重型设备/工程和精密设备零件的颜色和高性能要求。

### Application

Use in exterior powder coatings, silicon coating, coil coatings, automotive OEM coating, aerospace, marine protective, etc.  
Comply with color & high performance requirements on high-performance polymers, exterior plastic, heavy equipment/engineering and precision equipment parts.



## 木器涂装的首选 The first choice of wood stain

天然的颜色，独特的色域，半透明的色调  
Natural Color, Unique Color Range,  
Semi-transparent Hue

## 安巴粉 Umbers

### 产品特点

- 源自天然，卓越的耐光耐候性和热稳定性；
- 独一无二的色相；
- 独特的透明度。

### Characteristics

- Nature materials, excellent light and weather resistance and thermal stability;
- Unique color;
- Unique transparency.



### 用途

木器漆，格丽斯，古迹修补，彩色铅笔，蜡笔，美术画材，建筑涂料，工业涂料，塑胶等。

### Application

Wood Coating, Glazes, Historic Repair, Colored Pencil, Crayon, Art Painting Material, Architectural Coating, Industrial Coating, Plastics.

高透明度，出彩的防护  
High transparency and excellent protection

## 透明氧化铁 Transparent Iron Oxide

Trans-Oxide® 粉末 — 纳米级材料  
Powder Nanoscale materials

Timbasal® 色浆 — 已充分分散  
Dispersion Fine dispersed

存储稳定性  
Good storage stability

水性 & 溶剂型体系  
Water / Solvent base



### 产品特点

- 高透明度;
- 可与有机颜料结合使用;
- 优异的紫外防护，提高稳定性。

### 用途

- 木器漆
- 汽车漆
- 工业漆
- 塑料着色
- 美术涂料
- 粉末涂料
- 印刷油墨

### Characteristics

- High transparency;
- Used in combination with organic pigments;
- Excellent UV protection for improved stability.

### Application

- Wood Paint
- Automotive Paint
- Industrial Paint
- Plastic Application
- Art Coatings
- Powder Coating
- Printing Ink



## 更美丽的安全保障 Safe and Beauty

色彩的艺术师，品质的守护者！  
Artist of color, guardian of quality!

## 高纯氧化铁 High Purity Iron Oxide



**SICOVIT<sup>®</sup>** 产自意大利都灵，全球第一家拥有GMP EXCiPACT<sup>®</sup>认证的氧化铁颜料生产线  
The first GMP EXCiPACT<sup>®</sup> certified iron oxide pigment plant in the world, located in Turin, Italy.

**OXPURE<sup>™</sup>** 产自意大利都灵，超高纯净度的高纯氧化铁系列  
Ultra-pure iron oxide series from Turin, Italy.

**FERROXIDE<sup>®</sup> HP** 产自意大利都灵  
From Turin, Italy.

**CATHAYPURE<sup>™</sup>** 产自中国宜兴  
From Yixing, China.

化妆品  
Cosmetic



药物  
Pharmaceutical



食物  
Food



### 产品特点

- 各批次之间极佳的一致性；
- 微生物的高度把控；
- 重金属含量的严格把控；
- 更小的粒径；
- 强烈的美感。

### Characteristics

- Excellent consistency from batch to batch;
- High level of microbial control;
- Strict control of heavy metal content;
- Smaller particle size;
- Strong aesthetics.

傲色莱的合成氧化铁可以满足当今的和新兴工业。这些高纯颜料符合FDA，欧盟(EU) 231/2012-E172，中国药典，美国药典，日本药用辅料，FAO JECFA(联合国粮农组织和世界卫生组织食品添加剂联合专家委员会)和化妆品安全技术规范(2015)，使它们适合于化妆品，食品和药物。

OXERRA's synthetic iron oxides meet the needs of current and emerging industries. These high purity pigments pass applicable FDA, (EU) 231/2012-E172, Chinese Pharmacopoeia (ChP), United States Pharmacopoeia (USP-NF), Japanese Pharmaceutical Excipients (JPE), FAO JECFA and Safety and Technical Standards of Cosmetics (2015). The pigments are suitable for use in cosmetic, food and pharmaceutical applications.



我们创造颜色,  
我们更关注安全。  
We make Colors,  
We care Safety.



### 服务渠道和联系方式

傲色莱客户服务部有3个不同的客户服务渠道, 为用户提供多种联系方式

- 电话中心: 021-63723345
- 电子邮箱: info.shanghai@oxerra.com
- 实地探访服务

### Service Channels and Content

OXERRA Customer Service Department offers 3 customer service channels including

- Call Center: 021-63723345
- E-mail: info.shanghai@oxerra.com
- On-site service

to provide comprehensive and multi-level contact with users.

### 售中服务

配色服务  
样品投递  
在配方问题上供协助解难

### Pre-sales Service

Color matching service  
Free sample delivery  
Assist you with formulations  
trouble shooting

### 售后服务

实地探访  
改良配方  
应用问题咨询

### After-sales Service

On-site visit  
Formulation modification  
Consulting on application problem



### Our products comply with the following Standard:

我们的产品符合以下安全标准

REACH	RoHS 2.0	ASTM F963-17
EN71-3:2019	AP (89) 1	GB9685-2016
FDA 21 CFR 178.3297	EN12878(CE)	

