



中源晟邦（厦门）科技有限公司
ZHONGYUAN SHENGBANG (XIAMEN) TECHNOLOGY CO., LTD

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TIO₂

PRODUCT MANUAL

产品手册

中源晟邦（厦门）科技有限公司
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公司简介 Company Profile

中源晟邦专注于在全球范围内提供高质量的二氧化钛和供应链解决方案。公司创始人团队深耕中国二氧化钛领域近30年，拥有丰富的行业经验、行业信息和专业知识。2022年，我们成立了中源晟邦品牌。我们致力于在全球范围内提供最高质量的产品、最佳的行业解决方案和服务。

中源晟邦将最先进的生产技术和稳定的原材料质量应用于我们的二氧化钛。我们在中国7个城市设有仓储基地。我们与国内外数百家涂料、塑料行业知名企业建立了长期稳定的合作关系。我们的产品线以二氧化钛为主，钛铁矿为辅。

我们期待在为老朋友服务的同时，与更多的新朋友互动合作。



Sun Bang focuses on providing high-quality titanium dioxide and supply chain solutions globally. Our founder team of the company has been deeply involved in the field of titanium dioxide in China for nearly 30 years, and has rich industry experience, industry information and professional knowledge. In 2022, we established the Sun Bang brand. We are committed to providing the highest quality products, the best industry solutions and services worldwide.

Sun Bang applies the most advanced production technology and stable quality of raw materials to our titanium dioxide. We have warehouses in 7 cities in China. We have established long-term and stable cooperation with hundreds of well-known enterprises in the coating and plastic industries at home and abroad. Our product line is mainly titanium dioxide, and supplemented by ilmenite sand.

We look forward to interacting and cooperating with more new friends while serving old friends.



产品应用指南 APPLICATION GUIDE

金红石硫酸法 RUTILE SULFURIC ACID PROCESS

产品应用 Application	涂料 Coating			塑料 Plastic		油墨 Ink
	水性涂料 Water-based coating	溶剂性涂料 Solvent Based Paint	粉末涂料 Powder coating	PVC	色母 Masterbatch	
BR3661	—	—	—	—	—	●
BR3662	●	●	●	—	—	—
BR3663	—	●	●	●	—	—
BR3668	—	—	—	●	●	—
BR3669	—	—	●	●	●	—

金红石氯化法 RUTILE CHLORIDE PROCESS

产品应用 Application	涂料 Coating			塑料 Plastic		油墨 Ink
	水性涂料 Water-based coating	溶剂性涂料 Solvent Based Paint	粉末涂料 Powder coating	PVC	色母 Masterbatch	
BCR856	●	●	●	—	—	●
BCR858	—	—	—	●	●	—

锐钛型硫酸法 ANATASE SULFURIC ACID PROCESS

产品应用 Application	涂料 Coating			塑料 Plastic		油墨 Ink
	水性涂料 Water-based coating	溶剂性涂料 Solvent Based Paint	粉末涂料 Powder coating	PVC	色母 Masterbatch	
BA1220	●	●	●	●	●	●
BA1221	●	●	●	●	●	●

BCR-856

Description 产品描述

Average particle size distribution, Multifunctional applications
粒径分布均匀, 多功能应用

BCR-856 is a rutile titanium dioxide pigment produced by the chloride process. It has excellent whiteness, good dispersion, high gloss, good hiding power, weather resistance.

BCR-856 是通过氯化法生产的金红石型二氧化钛颜料。具有优良的白度、高分散性、高光泽度、高遮盖力、高耐候性。



Technical Data Sheet 技术参数表

参数 Typical Properties	值 Value
Tio2含量 Tio2 content, %	≥93
无机表面处理 Inorganic Treatment	ZrO2, Al2O3
有机表面处理 Organic Treatment	Yes
45µm 筛余物 45µm Residue on sieve, %	≤0.02
吸油量 Oil absorption(g/100g)	≤19
电阻率 Resistivity (Ω.m)	≥60

Recommended applications 推荐领域

- Water-based coatings 水性涂料
- Coil coatings 卷材涂料
- Woodware paints 木器漆
- Industrial paints 工业漆
- Can printing inks 罐用油墨
- Inks 油墨

- Package: 25kg bags, 500kg and 1000kg containers.
- 包装: 25kg/袋, 500kg 和1000kg 集装袋

BCR-858

Description 产品描述

Extreme blue undertone 极高蓝色底相

BCR-858 is a rutile type titanium dioxide produced by the chloride process. It is designed for masterbatch and plastics. It has performance with bluish undertone, good dispersion, low volatility, low oil absorption, excellent yellowing resistance and dry flow ability in process.

BCR-858 是一种通过氯化法生产的金红石型二氧化钛。它专为色母料和塑料而设计。具有蓝色相, 易分散性、低挥发性、低吸油量、优异的耐黄变性以及良好的加工流变性等特征。



Technical Data Sheet 技术参数表

参数 Typical Properties	值 Value
Tio2含量 Tio2 content, %	≥95
无机表面处理 Inorganic Treatment	Aluminum
有机表面处理 Organic Treatment	Yes
45µm 筛余物 45µm Residue on sieve, %	≤0.02
吸油量 Oil absorption(g/100g)	≤17
电阻率 Resistivity (Ω.m)	≥60

Recommended applications 推荐领域

- Masterbatch 色母粒
- Plastic 塑料
- PVC PVC

- Package: 25kg bags, 500kg and 1000kg containers.
- 包装: 25kg/袋, 500kg 和1000kg 集装袋

BR-3661

Description 产品描述

High gloss, High dispersibility 高光泽，易分散

BR-3661 is a rutile titanium dioxide pigment, produced by the sulfate process. It is designed for printing ink applications. It has a bluish undertone and good optical performance, high dispersibility, high hiding power, and low oil absorption.

BR-3661 是采用硫酸法生产的金红石型二氧化钛颜料。它专为印刷油墨应用而设计。具有蓝色相和高光泽、易分散、高遮盖力和低吸油量等特性。



Technical Data Sheet 技术参数表

参数 Typical Properties	值 Value
Tio2含量 Tio2 content, %	≥93
无机表面处理 Inorganic Treatment	ZrO2, Al2O3
有机表面处理 Organic Treatment	Yes
消色力（雷诺数） Tinting reducing power(Reynolds Number)	≥1950
45μm 筛余物 45μm Residue on sieve, %	≤0.02
吸油量 Oil absorption(g/100g)	≤19
电阻率 Resistivity (Ω.m)	≥100
油分散性（黑格曼数） Oil dispersibility (Haegman number)	≥6.5

Recommended applications 推荐领域

- Printing inks 印刷油墨
- Surface printing inks 表印油墨
- Reverse laminated printing inks 里印油墨
- Can coatings 罐用涂料

- Package: 25kg bags, 500kg and 1000kg containers.
- 包装：25kg/袋，500kg 和1000kg 集装箱

BR-3662

Description 产品描述

Oleophilic and hydrophilic 亲水性和亲油性

BR-3662 is a rutile type titanium dioxide produced by the sulfate process for general purpose. It has excellent whiteness and brilliant dispersibility.

BR-3662是通过硫酸法生产的金红石型二氧化钛。它具有优异的白度和出色的分散性。



Technical Data Sheet 技术参数表

参数 Typical Properties	值 Value
Tio2含量 Tio2 content,%	≥93
无机表面处理 Inorganic Treatment	ZrO2, Al2O3
有机表面处理 Organic Treatment	Yes
消色力（雷诺数） Tinting reducing power(Reynolds Number)	≥1900
45μm 筛余物 45μm Residue on sieve,%	≤0.02
吸油量 Oil absorption(g/100g)	≤20
电阻率 Resistivity (Ω.m)	≥80
油分散性（黑格曼数） Oil dispersibility (Haegman number)	≥6.0

Recommended applications 推荐领域

- Interior and exterior paints 内外墙印刷
- Industrial paints 工业漆
- Inks 油墨
- Steel coil paints 卷钢漆
- Can coatings 罐用涂料
- Papers 纸张
- Powder paints 粉末涂料
- Plastic 塑料

- Package: 25kg bags, 500kg and 1000kg containers.
- 包装：25kg/袋，500kg 和1000kg 集装箱

BR-3663

Description 产品描述

Anti-yellowing, High weathering resistance
耐黄变、高耐候性

BR-3663 pigment is a rutile titanium dioxide produced by the sulfate process for general and powder coating purpose. This product appears outstanding weathering resistance, high dispersibility, and excellent temperature resistance.

BR-3663 颜料是一种通过硫酸法生产的金红石型二氧化钛，用于通用型和粉末涂料用途。该产品具有高耐候性、高分散性和优异的耐温性。



Technical Data Sheet 技术参数表

参数 Typical Properties	值 Value
Tio2含量 Tio2 content, %	≥93
无机表面处理 Inorganic Treatment	SiO2, Al2O3
有机表面处理 Organic Treatment	Yes
消色力（雷诺数） Tinting reducing power (Reynolds Number)	≥1980
45μm 筛余物 45μm Residue on sieve,%	≤0.02
吸油量 Oil absorption(g/100g)	≤20
电阻率 Resistivity (Ω.m)	≥100

Recommended applications 推荐领域

- Road paints 道路漆
- Powder coatings 粉末涂料
- PVC profiles PVC型材
- PVC pipes PVC管材

- Package: 25kg bags, 500kg and 1000kg containers.
- 包装：25kg/袋，500kg 和1000kg 集装袋

BR-3668

Description 产品描述

High dispersion, High yellowing resistance
易分散、耐黄变

BR-3668 pigment is a rutile titanium dioxide produced by the sulfate treatment. It is specially designed for masterbatch and compounding applications. It disperses easily with high opacity and low oil absorption.

BR-3668 颜料是由硫酸法生产的金红石型二氧化钛。它专为色母粒和复合应用而设计。易分散，高遮盖力，低吸油量。



Technical Data Sheet 技术参数表

参数 Typical Properties	值 Value
Tio2含量 Tio2 content, %	≥96
无机表面处理 Inorganic Treatment	Al2O3
有机表面处理 Organic Treatment	Yes
消色力（雷诺数） Tinting reducing power (Reynolds Number)	≥1900
吸油量 Oil absorption(g/100g)	≤17
粒径 Average particle size(μm)	≤0.4

Recommended applications 推荐领域

- PVC frames, pipes PVC门框，管材
- Masterbatch & compounds 色母粒&复合应用
- Polyolefin 聚烯烃

- Package: 25kg bags, 500kg and 1000kg containers.
- 包装：25kg/袋，500kg 和1000kg 集装袋

BR-3669

Description 产品描述

High whiteness, Blue undertone, High opacity
高白度、蓝底相，高遮盖

BR-3669 pigment is a rutile titanium dioxide produced by the sulfate process. It has performance with high opacity, high whiteness, high temperature resistance and blue undertone

BR-3669 颜料是一种通过硫酸法生产的金红石型二氧化钛。具有高遮盖力、高白度、耐高温、蓝色相等性能。



Technical Data Sheet 技术参数表

参数 Typical Properties	值 Value
Tio2含量 Tio2 content, %	≥93
无机表面处理 Inorganic Treatment	ZrO2, Al2O3
有机表面处理 Organic Treatment	Yes
消色力（雷诺数） Tinting reducing power (Reynolds Number)	≥1980
PH值 PH Value	6~8
45μm 筛余物 45μm Residue on sieve, %	≤0.02
吸油量 Oil absorption(g/100g)	≤19
电阻率 Resistivity (Ω.m)	≥100

Recommended applications 推荐领域

- Masterbatches 色母粒
- Powder coating with high thermal stability and high whiteness 耐高温高白度的粉末涂料

- Package: 25kg bags, 500kg and 1000kg containers.
- 包装: 25kg/袋, 500kg 和1000kg 集装袋

BA-1220

Description 产品描述

Excellent dry flow property, Blue phase
优异的干粉流动性，蓝相

BA-1220 pigment is an anatase titanium dioxide, produced by sulfate process.

BA-1220 颜料是一种通过硫酸法生产的锐钛型钛白粉。



Technical Data Sheet 技术参数表

参数 Typical Properties	值 Value
Tio2含量 Tio2 content, %	≥98
105°C挥发物 Matter volatile at 105°C, %	≤0.5
45μm 筛余物 45μm Residue on sieve, %	≤0.05
电阻率 Resistivity (Ω.m)	≥30
吸油量 Oil absorption (g/100g)	≤24
色相--L Color Phase --L	≥98
色相--B Color Phase --B	≤0.5

Recommended applications 推荐领域

- Interior wall emulsion paint 内墙乳胶漆
- Printing ink 印刷油墨
- Rubber 橡胶
- Plastic 塑料

- Package: 25kg bags, 500kg and 1000kg containers.
- 包装: 25kg/袋, 500kg 和1000kg 集装袋

BA-1221

Description 产品描述

Nice hiding power, Blue phase
高消色力，蓝色相

BA-1221 is an anatase titanium dioxide, produced by sulfate process.

BA-1221是一种通过硫酸法生产的锐钛型钛白粉。



Technical Data Sheet 技术参数表

参数 Typical Properties	值 Value
Tio2含量 Tio2 content, %	≥98
105°C挥发物 Matter volatile at 105°C %	≤0.5
45µm 筛余物 45µm Residue on sieve, %	≤0.05
电阻率 Resistivity (Ω.m)	≥18
吸油量 Oil absorption (g/100g)	≤24
色相---L Color Phase --- L	≥100
色相---B Color Phase --- B	≤0.2

Recommended applications 推荐领域

- Coatings 涂料
- Plastic 塑料
- Paints 油漆

- Package: 25kg bags, 500kg and 1000kg containers.
- 包装：25kg/袋，500kg 和1000kg集装袋



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FOCUSES ON PROVIDING HIGH-QUALITY TITANIUM
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