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$TiO_2$

Prospect The Future, Achieving The Dreams

$TiO_2$

*Professional  $TiO_2$   
Manufacture*

重庆华盛鼎化工产品有限公司

Chongqing Huashengding Chemical Products Co., Ltd.

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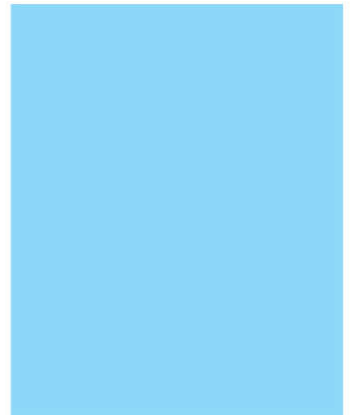
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## 公司简介

### Company Introduction

重庆华盛鼎化工产品有限公司是一家复合化工企业，从事二氧化钛及其他粉状化工产品的研发20多年，生产和深加工。我们的年产量超过30000吨。专业生产高品质二氧化钛金红石和锐钛矿，还提供立德粉等粉末化工品。我们的产品广泛应用于油漆，涂料，塑料，橡胶，油墨，搪瓷，纤维等行业。我公司二氧化钛技术力量雄厚，研发能力强。我们提供锆，硅，铝，锌以及其他有机和无机涂层加工的特殊用途的二氧化钛。二氧化钛具有优异的分散性，优异的耐候性，优良的白色和光泽等特性。性能甚至比国外市场上的同类产品还要好。由于我们的公司在中国四大直辖市之一的重庆注册，我们可以以较低的价格提供高质量的钛白粉和其他产品，我们的出口工作得到了政府的支持。我们的产品已通过ISO9001：2000质量管理体系认证和二氧化钛的法定检验。基于优良的品质和完善的服务团队，我们的产品畅销并获得客户的好评。我们正在寻找分销商！

Chongqing Huashengding Chemical Products Co., Ltd. is a compound chemical enterprise, engaged in the R&D for more than 20 years, manufacturing and deep processing of Titanium dioxide and other powder chemicals. Our annual production is more than 30000mt. Specializing in the production of high quality titanium dioxide rutile and anatase, also supply lithopone and other fine powder. Our products have been widely used in paints, coatings, plastics, rubbers, inks, enamel, fibers and other industries. Our company has strong technical force and high R&D capacity in titanium dioxide. We have various special-use titanium dioxide based on original zirconium, silicon, aluminum, zinc and other organic and inorganic coating processing. The titanium dioxide has excellent dispersion, superior weathering resistance capability, fine white and gloss and other features. The performance is even better than similar products from overseas markets, We could offer high quality  $TiO_2$  and other products with lower price since our company is registered in Chongqing which is one of the 4 municipality in China, we got governmental support for our export work. Our products have passed ISO9001:2000 Quality Management System Certification and the statutory inspection of titanium dioxide. Based on excellent quality and perfect service team, our products are well-sold and got good reputation from our clients. We are looking for alliance more than distributors!



# Titanium Dioxide HDR-669

HDR-669是本品属于通用型金红石型钛白粉，表面采用有机处理，并经过锆铝氧化物包膜。本品具有优异的白度、亮度、光泽，遮盖力强，易于分散，色调洁白而蓝，颜料性能优越。

HDR-669 is a general grade of rutile  $TiO_2$ . It is produced by sulphate process with high quality ilmenite concentrate. Treated with organic compounds, coated with zirconia and aluminum oxide. It has high performance of whiteness, brightness, gloss, high covering power, nice dispersibility and durability, with white and blue tone.



## 应用领域

- 木器漆
- 工业漆
- 建筑涂料
- 造纸、皮革
- 水性涂料

## Application

- Carpentry paint
- Industrial paint
- Architecture paint
- Leather and paper making
- Water based coatings

## 储存条件 Storage

避免潮湿和阳光直射

Avoid damp and sun exposure.

包装: 25kgs/包、500kgs/包、1000kgs/包。

Packing: In 25kgs, 500kgs, 1000kgs bags.

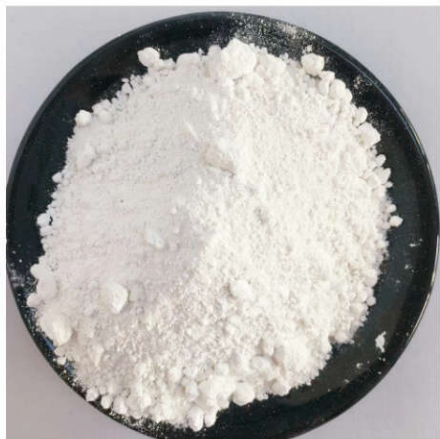
项目   Item	指标   Index
TiO <sub>2</sub> 含量, % (m/m) TiO <sub>2</sub> content	≥ 93
亮度 Brightness	≥ 98
消色力, 雷诺兹数TCS Tinting reducing power, Reynolds number, TCS	≥ 1900
105°C挥发份, % Volatile matters at 105°C	≤ 0.6
水溶物, % Water soluble	≤ 0.5
水悬浮液PH值 PH of water suspension	6.5~8.5
吸油量, % (g/100g) Oil absorption value	≤ 21
金红石含量, % Rutile content	≥ 98
水萃取液电阻率, Ωm Electrical resistance of aqueous extract	≥ 80
筛余物 (63um筛孔), % (m/m) Residue on the sieve (63um mesh)	≤ 0.02
油分散性, (黑格曼数) Oil dispersible power, (Hagerman number)	≥ 5.0



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# Titanium Dioxide HDR-808



HDR-808是本品属于通用型金红石型钛白粉，经过有机表面处理，并经过硅铝氧化物包膜。本品具有优异的白度、杰出的分散性，超强的着色力，优越的耐候性和光泽度。

HDR-808 is a general grade of rutile  $TiO_2$ . It is produced by sulphate process with high quality ilmenite concentrate. Treated with organic compounds, coated with silica and aluminum oxide. The product shows excellent whiteness and dispersion, high tinctorial power, good weather-resistance ability and high gloss.

项目   Item	指标   Index
TiO <sub>2</sub> 含量, % (m/m) TiO <sub>2</sub> content	≥ 93
亮度 Brightness	≥ 98
消色力, 雷诺兹数TCS Tinting reducing power, Reynolds number, TCS	≥ 1850
105°C挥发份, % Volatile matters at 105°C	≤ 0.6
水溶物, % Water soluble	≤ 0.6
水悬浮液PH值 PH of water suspension	6.5~8.5
吸油量, % (g/100g) Oil absorption value	≤ 21
金红石含量, % Rutile content	≥ 98
水萃取液电阻率, Ωm Electrical resistance of aqueous extract	≥ 80
筛余物 (63um筛孔), % (m/m) Residue on the sieve (63um mesh)	≤ 0.02
油分散性, (黑格曼数) Oil dispersible power, (Hagerman number)	≥ 5.0

## 应用领域

- 木器漆
- 工业漆
- 建筑涂料
- 油性涂料

## Application

- Carpentry paint
- Industrial paint
- Architecture paint
- Oil based Coatings

## 储存条件 Storage

避免潮湿和阳光直射

Avoid damp and sun exposure.

包装: 25kgs/包、500kgs/包、1000kgs/包。

Packing: In 25kgs, 500kgs, 1000kgs bags.



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# Titanium Dioxide HDR-108

HDR-108 是一种硫酸法生产的未经无机表面处理的金红石型钛白粉，主要用于塑料行业及粉末涂料。本品具有较高的TiO<sub>2</sub>含量和较低的吸油量。本品分散性良好，着色力强，遮盖力优越，干粉流动性能好。本品的特点是粒径超细。均匀细微的粒径使该产品在某种程度上可以代替纳米钛白粉。

HDR-108 is rutile TiO<sub>2</sub> mainly used for plastics industry and powder paint. It is produced by sulphate process with no inorganic surface treatment. It has higher TiO<sub>2</sub> content and lower oil absorption. It shows good dispersibility and tinting power, outstanding hiding power and excellent dry power fluidity. The product is characterized by fine powder. Uniform distribution and tiny particle size make it equal to nano titanium dioxide in a way.



## 应用领域

- 塑料
- 油墨
- 造纸
- 粉末涂料

## Application

- Plastics
- Printing ink
- Paper making
- Powder coating

## 储存条件 Storage

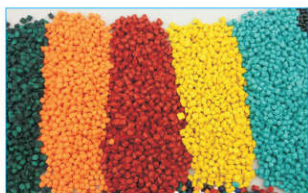
避免潮湿和阳光直射

Avoid damp and sun exposure.

包装: 25kgs/包、500kgs/包、1000kgs/包。

Packing: In 25kgs, 500kgs, 1000kgs bags.

项目   Item	指标   Index
TiO <sub>2</sub> 含量, % (m/m) TiO <sub>2</sub> content	≥ 98
亮度 Brightness	≥ 94.5
消色力, 雷诺兹数TCS Tinting reducing power, Reynolds number, TCS	≥ 1850
105°C挥发份, % Volatile matters at 105°C	≤ 0.5
水溶物, % Water soluble	≤ 0.5
水悬浮液PH值 PH of water suspension	6.5~8.5
吸油量, % (g/100g) Oil absorption value	≤ 20
金红石含量, % Rutile content	≥ 98
水萃取液电阻率, Ωm Electrical resistance of aqueous extract	≥ 80
筛余物 (63um筛孔), % (m/m) Residue on the sieve (63um mesh)	≤ 0.02
油分散性, (黑格曼数) Oil dispersible power, (Hagerman number)	≥ 6.0



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# Titanium Dioxide HDR-510



HDR-510 是一种采用氯化法工艺生产并经过特殊无机和有机处理的通用型金红石型二氧化钛颜料。该产品光泽度好、分散性良好，并具有很强的遮盖力、着色力以及良好的抗侯性。

HDR-510 is a general grade rutile  $TiO_2$  produced by chloride process. It with special inorganic and organic surface treatment. The product has excellent gloss, good dispersibility, strong hiding power and tinting power, nice weather-resistance ability.

项目   Item	指标   Index
TiO <sub>2</sub> 含量, % (m/m) TiO <sub>2</sub> content	≥ 93
亮度 Brightness	≥ 98
消色力, 雷诺兹数TCS Tinting reducing power, Reynolds ; number, TCS	≥ 1900
105°C挥发份, % Volatile matters at 105°C	≤ 0.5
水溶物, % Water soluble	≤ 0.5
水悬浮液PH值 PH of water suspension	6.5~8.5
吸油量, % (g/100g ) Oil absorption value	≤ 20
金红石含量, % Rutile content	≥ 98
水萃取液电阻率, Ωm Electrical resistance of aqueous extract	≥ 80
筛余物 (63um筛孔), % (m/m ) Residue on the sieve ( 63um mesh )	≤ 0.02
油分散性, ( 黑格曼数 ) Oil dispersible power, ( Hagerman number )	≥ 6.0

## 应用领域

- 汽车漆
- 高端产品

## Application

- Automotive paint
- High-end products

## 储存条件 Storage

避免潮湿和阳光直射  
Avoid damp and sun exposure.

包装: 25kgs/包、500kgs/包、1000kgs/包。  
Packing: In 25kgs, 500kgs, 1000kgs bags.



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# Titanium Dioxide HDA-101

HDA-101 是一种通用的锐钛型钛白粉。本品外观白，光泽好，白度纯正，吸油量低，消色力高，散光系数高，分散性好，杂质含量低，粒径分布均匀、窄。

HDA-101 is a kind of general used anatase titanium dioxide. The product has white and pure appearance, fine gloss, low oil absorption value, high tint reducing powder, large scattering coefficient, good dispersibility, low impurity, uniform and narrow particle size distribution.

项目   Item		指标   Index
TiO <sub>2</sub> 含量, % (m/m) TiO <sub>2</sub> content	≥	98
颜色 (与GB1706-2006国家一等品标准样品比) Whiteness (compared with first class standard sample listed in GB1706-2006)		不低于 No less than
散射力 (与GB1706-2006国家一等品标准样品比) % Scattering power, % (compared with first class standard sample listed in GB1706-2006)		102
105°C挥发份, % Volatile matters at 105°C	≤	0.5
水悬浮液PH值 PH of water suspension		6.8~8.0
吸油量, % (g/100g) Oil absorption value	≤	22
水萃取液电阻率, Ωm Electrical resistance of aqueous extract	≥	22
筛余物 (63um筛孔), % (m/m) Residue on the sieve (63um mesh)	≤	0.05
水分散性, % Water dispersible power	≥	80
铁含量, ppm Iron content, ppm	≤	75

## 应用领域

- 涂料
- 油漆
- 橡胶
- 塑料

## Application

- Coating
- Paint
- Rubbers
- Plastics

## 储存条件 Storage

避免潮湿和阳光直射  
Avoid damp and sun exposure.

包装: 25kgs/包、500kgs/包、1000kgs/包。  
Packing: In 25kgs, 500kgs, 1000kgs bags.



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# Titanium Dioxide HDA-102

HDA-102 是锐钛型钛白粉，本品外观白，光泽好，粒子细软、均匀，粒度分布窄，分散性好，消色力高，散射系数高，吸油量低，杂质含量低。

HDA-102 is a type of anatase titanium dioxide with white appearance, good gloss, fine soft and uniform particles, narrow distribution, high tint reducing power, large scattering coefficient, low oil absorption value, low impurity contents.

项目   Item		指标   Index
TiO <sub>2</sub> 含量, % (m/m) TiO <sub>2</sub> content	≥	98
颜色 (与GB1706-2006国家一等品标准样品比) Whiteness (compared with first class standard sample listed in GB1706-2006)		不低于 No less than
散射力 (与GB1706-2006国家一等品标准样品比) % Scattering power, % (compared with first class standard sample listed in GB1706-2006)		105
105°C挥发份, % Volatile matters at 105°C	≤	0.5
水悬浮液PH值 PH of water suspension		6.8~8.0
吸油量, % (g/100g) Oil absorption value	≤	21
水萃取液电阻率, Ωm Electrical resistance of aqueous extract	≥	22
筛余物 (63um筛孔), % (m/m) Residue on the sieve (63um mesh)	≤	0.05
水分散性, % Water dispersible power	≥	80
铁含量, ppm Iron content, ppm	≤	73

## 应用领域

- 乳胶漆
- 油墨
- 造纸
- 橡胶
- 涂料
- 塑料
- 油漆

## Application

- Emulsion paint
- Printing ink
- paper making
- Rubber
- Coating
- Plastics
- Paint

## 储存条件 Storage

避免潮湿和阳光直射  
Avoid damp and sun exposure.

包装: 25kgs/包、500kgs/包、1000kgs/包。  
Packing: In 25kgs, 500kgs, 1000kgs bags.



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