

## NA100锐钛型钛白粉 (通用型)

NA100 Anatase Titanium dioxide (General Purpose)

通用型产品。纯度高，粒度分布好，具有优良的颜料性能，遮盖力强，消色力高，白度好，易分散。

General-purpose product, with high purity and good particle size distribution. As pigment, it possesses good features as good whiteness, strong hiding power, high tint reducing power, good whiteness and dispersity.

### 主要特点 / Main characters:

- ◆ 极佳的白度和光泽度                      Excellent whiteness and gloss
- ◆ 较高的遮盖力、消色力                    Good hiding power and high tint reducing power
- ◆ 分散性好、吸油量低                      Good dispersity, low oil absorption
- ◆ 应用领域广                                  Broad application fields

标准编号: Q/320116 NJTB 003-2014 (参照GB/T1706-2006)

Quality Standard: Q/320116 NJTB 003-2014 (modified ISO591-1:2000)

### 技术要求 / Product specification:

项 目 Characteristic			指标值 requirement	典型值 typical analysis
TiO <sub>2</sub> 的质量分数	TiO <sub>2</sub> content, wt%	≥	98.0	98.4
105℃挥发物	Volatile content at 105℃, wt%	≤	0.5	0.2
水溶物	Water soluble, wt%	≤	0.5	0.3
筛余物(45 μm)	Residue on sieve of 45 μm, wt%	≤	0.05	0.02
颜色 L*	Colour (L*)	≥	95.0	96.0
散射力	Light Scattering power, %	≥	100	102
水悬浮液pH值	pH, water suspension		6.5~8.5	7.5
吸油量	Oil absorption, g/100g	≤	26	24
水萃取液电阻率	Resistance, water extraction, Ω·m	≥	20	25

## NA300锐钛型钛白粉

### NA300 Titanium Dioxide Anatase (A1)

化纤钛专用钛白粉初品，纯度高、白度好，铁含量低，粒径小。

It is superior product. As pigment, it possesses such features as high purity, good whiteness, low iron oxide content and small particle size.

#### 主要特点 / Main characters:

- ◆ 极佳的白度，较低的铁含量      Excellent whiteness, lower iron oxide content
- ◆ 较高的消色力                      Better tint reducing power
- ◆ 粒径小，粒度分布好              Small particle size, good granularity distribution

标准编号: Q/320116 NJTB 003-2014 (参照GB/T1706-2006)

Quality Standard: Q/320116 NJTB 003-2014 (modified ISO591-1:2000)

#### 技术要求 / Product specification:

项 目 Characteristic		指标值 requirement	典型值 typical analysis
TiO <sub>2</sub> 的质量分数	TiO <sub>2</sub> content, wt%	≥ 98.3	98.6
105℃挥发物	Volatile content at 105℃, wt%	≤ 0.5	0.2
水溶物	Water soluble, wt %	≤ 0.5	0.3
筛余物(45 μ m)	Residue on sieve of 45 μ m, wt%	≤ 0.03	0.02
颜色 L*	Colour (L*)	≥ 95.0	96.0
散射力	Light Scattering power, %	≥ 100	103
水悬浮液pH值	pH, water suspension	7.0~8.5	8.0
吸油量	Oil absorption, g/100g	≤ 26	26
水萃取液电阻率	Resistance water extraction, Ω · m	≥ 20	28

## NR930金红石型钛白粉

### NR930 Rutile Titanium Dioxide (R2)

采用进口砂磨机进行湿磨，粒度分布好；用少量氧化硅、氧化铝进行致密性无机包膜表面处理，可根据客户应用情况进行有机处理，具有优越的颜料性能。

The product is wet ground by imported mill which results in a good particle size distribution. Coated with inorganic compounds of a small quantity silicon oxide and aluminum oxide. The product can be treated by organic compounds according to the client application and possesses excellent pigment performances.

#### 主要特点 / Main characters:

- ◆ 极佳的白度和光泽度      Excellent whiteness and gloss
- ◆ 较高的消色力              Better tint reducing power
- ◆ 中等的耐候性、耐热性      Medium weather and heat resistance
- ◆ 较低的吸油量，易分散      Lower oil absorption, easily dispersed
- ◆ 干粉流动性好              Good flowability of dry powder

标准编号: Q/320116 NJTB 003-2014 (参照GB/T1706-2006)

Quality Standard: Q/320116 NJTB 003-2014 (modified ISO591-1:2000)

#### 技术要求 / Product specification:

项 目 Characteristic		指标值 requirement	典型值 typical analysis
TiO <sub>2</sub> 的质量分数	TiO <sub>2</sub> content, wt%	≥ 94.0	96.5
105℃挥发物	Volatile content at 105℃, wt%	≤ 0.5	0.2
水溶物	Water soluble, wt%	≤ 0.3	0.2
筛余物(45 μ m)	Residue on sieve of 45 μ m, wt%	≤ 0.05	0.02
颜色 L*	Colour (L*)	≥ 95.0	95.5
散射力	Light Scattering power, %	≥ 100	115
水悬浮液pH值	pH, water suspension	6.0~8.0	7.2
吸油量	Oil absorption, g/100g	≤ 21	18
水萃取液电阻率	Resistance, water extraction Ω · m	≥ 80	150
金红石晶型含量	Content of rutile, %	≥ 98	99
油分散性(黑格曼数)	Oil dispersity (Hegmann Value)	≥ 6.0	6.5
有机处理	Organic treatment	有 Yes	

## NR950金红石型钛白粉(通用型)

### NR950 Rutile Titanium Dioxide (General Purpose)

通用型产品，是主要产品之一。采用进口砂磨机进行湿磨，粒度分布好；用氧化硅、氧化铝进行致密性无机包膜表面处理，具有优越的颜料性能。

The product with the general-purpose grade is one of the main products of the company. The product is wet ground by imported mill which results in a good particle size distribution. Coated with inorganic compounds of silicon oxide and aluminum oxide and possesses excellent pigment performances.

#### 主要特点 / Main characters:

- 优良的白度和光泽度      Good whiteness and gloss
- 极佳的消色力和遮盖力      Excellent hiding power and high tint reducing power
- 较高的耐候性、耐热性和耐光性      Better weather, heat and light resistance
- 应用领域广泛      Broad application

标准编号: Q/320116 NJTB 003-2014 (参照GB/T1706-2006)

Quality Standard: Q/320116 NJTB 003-2014 (modified ISO591-1:2000)

#### 技术要求 / Product specification:

项 目 Characteristic		指标值 requirement	典型值 typical analysis
TiO <sub>2</sub> 的质量分数	TiO <sub>2</sub> content, wt%	≥ 92.0	94.4
105℃挥发物	Volatile content at 105℃, wt%	≤ 0.5	0.4
水溶物	Water soluble, wt%	≤ 0.3	0.1
筛余物(45 μm)	Residue on sieve of 45 μm, wt%	≤ 0.05	0.02
颜色 L*	Colour (L*)	≥ 95.0	95.1
散射力	Light Scattering power, %	≥ 100	109
水悬浮液pH值	pH, water suspension	6.0~8.5	7.4
吸油量	Oil absorption, g/100g	≤ 23	20
水萃取液电阻率	Resistance, water extraction Ω·m	≥ 50	95
金红石晶型含量	Content of rutile, %	≥ 98	99
油分散性(黑格曼数)	Oil dispersity (Hegmann Value)	≥ 5.0	5.5
有机处理	Organic treatment	无	No

## NR956金红石型钛白粉

### NR956 Rutile Titanium Dioxide (R3)

高耐光装饰纸专用产品，用磷酸铝、氧化铝进行致密性无机包膜表面处理，具有优越的耐光性。

The product is used for decorative paper. Coated with inorganic compounds of aluminum phosphate and aluminum oxide, which possesses excellent light resistance.

#### 主要特点 / Main characters:

- ◆ 优良的白度                                      Good whiteness
- ◆ 较高的遮盖力                                    Better hiding power
- ◆ 极佳的耐光性                                   Excellent light resistance

标准编号: Q/320116 NJTB 003-2014 (参照GB/T1706-2006)

Quality Standard: Q/320116 NJTB 003-2014 (modified ISO591-1:2000)

#### 技术要求 / Product specification:

项 目 Characteristic			指标值 Requirement	典型值 typical analysis
TiO <sub>2</sub> 的质量分数	TiO <sub>2</sub> content, wt%	≥	88.0	89.0
105℃挥发物	Volatile content at 105℃, wt%	≤	0.8	0.5
水溶物	Water soluble, wt%	≤	0.5	0.4
筛余物(45 μm)	Residue on sieve of 45 μm, wt%	≤	0.05	0.03
颜色 L*	Colour (L*)	≥	95.0	95.5
水悬浮液pH值	pH value, water suspension		5.5~7.5	6.5
水萃取液电阻率	Resistance, water extraction, Ω · m	≥	20	50
金红石晶型含量	Content of rutile, %	≥	98	99
耐光等级	Light resistance	≥	6	6.5
有机处理	Organic treatment		无 No	

## NR960金红石型钛白粉

### NR960 Rutile Titanium Dioxide (R2)

多用途新产品，采用进口砂磨机进行湿磨，粒度分布好；用氧化锆、氧化铝等多元包膜表面处理，以及进行有机处理，具有优越的颜料性能。

Multipurpose product. The product is wet ground by imported mill which brings a good particle size distribution. Coated with inorganic compounds of zirconium oxide, aluminum oxide, and so on. Organic treatment is implemented to the product which possesses excellent pigment performances.

#### 主要特点 / Main characters:

- 极佳的白度和光泽度      Excellent whiteness and gloss
- 较高的遮盖力、消色力      Better hiding power and high tint reducing power
- 较高的耐候性、耐热性和耐光性      Better weather, heat and light resistance
- 分散性好、吸油量低      Good dispersity and low oil absorption

标准编号: Q/320116 NJTB 003-2014 (参照GB/T1706-2006)

Quality Standard: Q/320116 NJTB 003-2014 (modified ISO591-1:2000)

#### 技术要求 / Product specification:

项 目 Characteristic		指标值 requirement	典型值 typical analysis
TiO <sub>2</sub> 的质量分数	TiO <sub>2</sub> content, wt%	≥ 93.0	95.0
105℃挥发物	Volatile content at 105℃, wt%	≤ 0.5	0.3
水溶物	Water soluble, wt%	≤ 0.3	0.3
筛余物(45 μm)	Residue on sieve of 45 μm, wt%	≤ 0.05	0.02
颜色 L*	Colour (L*)	≥ 95.0	95.5
散射力	Light Scattering power, %	≥ 100	110
水悬浮液pH值	pH water suspension	6.5-8.0	7.5
吸油量	Oil absorption, g/100g	≤ 21	18
水萃取液电阻率	Resistance, Water extraction Ω · m	≥ 100	120
金红石晶型含量	Content of rutile, %	≥ 98	99
油分散性 (黑格曼数)	Oil dispersity (Hegmann Value)	≥ 6.0	6.5
有机处理	Organic treatment	有 Yes	

## NR9501金红石型钛白粉

### NR9501 Rutile Titanium Dioxide (R2)

油性涂料、塑料型材体系专用产品。采用进口砂磨机进行湿磨，粒度分布好；用氧化硅、氧化铝进行致密性无机包膜表面处理，以及进行有机处理，具有优越的颜料性能。

Special product for solvent-based coating and plastic extrusions system. The product is wet ground by imported mill which results in a good particle size distribution. Coated with inorganic compounds of silicon oxide and aluminum oxide. Organic treatment is implemented to the product which possesses excellent pigment performances.

#### 主要特点 / Main characters:

- ◆ 极佳的白度和光泽度      Excellent whiteness and gloss
- ◆ 较高的遮盖力、消色力      Better hiding power and high tint reducing power
- ◆ 较高的耐候性、耐热性和耐光性      Better weather, heat and light resistance
- ◆ 在油性体系的分散性好      Good dispersity in solvent borne system
- ◆ 干粉流动性好      Good flowability of dry powder

标准编号: Q/320116 NJTB 003-2014 (参照GB/T1706-2006)

Quality Standard: Q/320116 NJTB 003-2014 (modified ISO591-1:2000)

#### 技术要求 / Product specification:

项目 Characteristics		指标值 requirement	典型值 typical analysis
TiO <sub>2</sub> 的质量分数	TiO <sub>2</sub> content, wt%	≥ 92.0	94.4
105℃挥发物	Volatile content at 105℃, wt%	≤ 0.5	0.3
水溶物	Water soluble, wt%	≤ 0.3	0.2
筛余物(45 μm)	Residue on sieve of 45 μm, wt%	≤ 0.05	0.02
颜色 L*	Colour (L*)	≥ 95.0	95.5
散射力	Light Scattering power, %	≥ 100	114
水悬浮液pH值	pH water suspension	6.5~8.5	7.6
吸油量	Oil absorption, g/100g	≤ 21	20
水萃取液电阻率	Resistance, water extraction Ω · m	≥ 50	100
金红石晶型含量	Content of rutile %	≥ 98	99
油分散性(黑格曼数)	Oil dispersity (Hegmann Value)	≥ 5.5	6.0
有机处理	Organic treatment	有 Yes	

## NR9502金红石型钛白粉

### NR 9502 Rutile Titanium Dioxide (R2)

通用改进型产品，采用进口砂磨机进行湿磨，粒度分布好；用氧化硅、氧化铝进行致密性无机包膜表面处理，并进行特殊两亲性有机处理，具有优越的颜料性能。

Improved grade of general-purpose products. The product is wet ground by imported mill which brings a good particle size distribution. Coated with inorganic compounds of silicon oxide and aluminum oxide. Special amphiphilic organic treatment is implemented to the product, which has excellent pigment performances.

#### 主要特点 / Main characters:

- ◆ 较高的白度和光泽度 Better whiteness and gloss
- ◆ 较高的消色力、遮盖力 Better hiding power and high tint reducing power
- ◆ 较高的耐候性、耐热性 Better weather and heat resistance
- ◆ 两亲性，水性、油性体系分散性好 Amphipathy, Good dispersibility in water borne and solvent borne system
- ◆ 干粉流动性好 Good flowability of dry powder

标准编号: Q/320116 NJTB 003-2014 (参照GB/T1706-2006)

Quality Standard: Q/320116 NJTB 003-2014 (modified ISO591-1:2000)

#### 技术要求 / Product specification:

项 目 Characteristic		指标值 requirement	典型值 typical analysis
TiO <sub>2</sub> 的质量分数	TiO <sub>2</sub> content, wt%	≥ 92.0	94.5
105℃挥发物	Volatile content at 105℃, wt%	≤ 0.5	0.3
水溶物	Water soluble, wt %	≤ 0.3	0.3
筛余物(45 μm)	Residue on sieve of 45 μm, wt%	≤ 0.05	0.02
颜色 L*	Colour (L*)	≥ 95.0	95.5
散射力	Light Scattering power, %	≥ 100	112
水悬浮液pH值	pH water suspension	6.5~8.5	8.0
吸油量	Oil absorption ,g/100g	≤ 21	19
水萃取液电阻率	Resistance water extraction Ω · m	≥ 80	100
金红石晶型含量	Content of rutile, %	≥ 98	99
油分散性(黑格曼数)	Oil dispersity (Hegmann Value)	≥ 6.0	6.5
有机处理	Organic treatment	有 Yes	



## NR9503金红石型钛白粉

### NR9503 Rutile Titanium Dioxide (R2)

水性涂料体系专用产品，采用进口砂磨机进行湿磨，粒度分布好；用氧化硅、氧化铝进行无机包膜表面处理，以及进行有机处理，具有优越的颜料性能。

Special product for the water borne coating system. The product is wet ground by imported mill which results in a good particle size distribution. The product surface is coated with inorganic compounds of silicon oxide and alumina. Organic treatment is implemented to the product which possesses excellent pigment performances.

#### 主要特点 / Main characters:

- ◆ 较高的白度 Better whiteness
- ◆ 较高的遮盖力 Better hiding power
- ◆ 较高的耐候性、耐热性和耐光性 Better weather, heat and light resistance
- ◆ 在水性体系的分散性好 Good dispersity in water borne system
- ◆ 干粉流动性好 Good flowability of dry powder

标准编号: Q/320116 NJTB 003-2014 (参照GB/T1706-2006)

Quality Standard: Q/320116 NJTB 003-2014 (modified ISO591-1:2000)

#### 技术要求 / Product specification:

项 目 Characteristic		指标值 requirement	典型值 typical analysis
TiO <sub>2</sub> 的质量分数	TiO <sub>2</sub> content, wt%	≥ 90.0	94.0
105℃挥发物	Volatile content at 105℃, wt%	≤ 0.5	0.4
水溶物	Water soluble, wt %	≤ 0.3	0.3
筛余物(45 μ m)	Residue on sieve of 45 μ m, wt%	≤ 0.05	0.02
颜色 L*	Colour (L*)	≥ 95.0	95.6
散射力	Light Scattering power, %	≥ 100	112
水悬浮液pH值	pH water suspension	6.5~8.5	8.2
吸油量	Oil absorption ,g/100g	≤ 26	19
水萃取液电阻率	Resistance, water extraction Ω · m	≥ 100	150
金红石晶型含量	Content of rutile %	≥ 98	99
水分散性 (1450rpm高速打浆)(1450rpm high speed mixer), μ m	Water dispersity	≤ 40	35
有机处理	Organic treatment	有 Yes	