

锐钛型钛白粉

项 目		质量技术指标
		DHA-100
TiO ₂ 含量, % ≥		98.0
颜色	L值 ≥	98.2
	B值	0.2≤b≤0.9
消色力 (与样标比) ≥		≥100
吸油量, g/100g ≤		23
水悬浮液PH值		6.5~8.0
45μm筛余物, % (m/m) ≤		0.10
105°C挥发物, % (m/m) ≤		0.5
水萃取液电阻率, Ω.m ≥		20
水溶物, % (m/m) ≤		0.6

■ **产品特点:** 采用先进生产技术, 具有高白度、高遮盖、粒径分布均匀等特点。

■ **用 途:** 广泛应用于各种涂料、油墨、色母、型材、塑料等行业。

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Anatase Titanium Dioxide

Item		Specification
		DHA-100
Purity TiO ₂ , % ≥		98.0
Color	L ≥	98.2
	b	0.2≤b≤0.9
Tinting strength (compare with standard) ≥		≥100
Oil absorption, g/100g ≤		23
PH of aqueous suspension		6.5 ~ 8.0
45μm sieve residue, % (m/m) ≤		0.10
Mater volatile at 105°C, % (m/m) ≤		0.5
Resistivity of aqueous extract, Ω.m ≥		20
Water soluble, % (m/m) ≤		0.6

■ **Product Characteristics:** Good whiteness, good hiding power and average particle size distribution.

■ **Application:** Widely used in coating, printing ink, masterbatch, pvc plastic profiles and plastic industries etc.

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锐钛化纤专用型钛白粉、高纯钛白粉

项 目		质量技术指标	项 目		质量技术指标
		DHA-100H			DHA-100G
TiO ₂ 含量, % ≥		98.0	TiO ₂ , % ≥		99.4
颜色	L值 ≥	98.0	Fe ₂ O ₃ (m/m) ≤		0.0035
	B值	0.2≤b≤0.7	P ₂ O ₅ , % (m/m) ≤		0.0045
消色力 (与样标比) ≥		100	S, % (m/m) ≤		0.010
吸油量 g/100g ≤		23	SiO ₂ % (m/m) ≤		0.045
水悬浮液PH值		6.8~7.5	Al ₂ O ₃ % (m/m) ≤		0.01
45μm筛余物, % (m/m) ≤		0.03	钙、镁、钾、钠% (m/m) ≤		0.15
105℃挥发物, % (m/m) ≤		0.5	45μm筛余物, % (m/m) ≤		0.30
水煮电阻率, Ω.m ≥		25	密度 (g/cm ³), % ≥		3.90
铁(Fe), % (m/m) ≤		0.006	灼烧减量 (m/m) %		0.4%
水溶物, % (m/m) ≤		0.5	-		-
水分散性 ≥		70	-		-

■ 用途: DHA-100H主要用于化纤;

■ DHA-100G高纯钛白粉, 广泛应用于反光材料、电子、电池、新能源、特种玻璃等产品。

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Anatase Titanium Dioxide Specially for Chemical Fiber High Purity Anatase Titanium Dioxide

Item		Specification	Item		Specification
		DHA-100H			DHA-100G
Purity TiO ₂ , % ≥		98.0	TiO ₂ , % (m/m) ≥		99.4
Color	L ≥	98.0	Fe ₂ O ₃ , % (m/m) ≤		0.0035
	b	0.2≤b≤0.7	P ₂ O ₅ , % (m/m) ≤		0.0045
Tinting strength (compare with standard) ≥		100	S, % (m/m) ≤		0.010
Oil absorption g/100g ≤		23	SiO ₂ , % (m/m) ≤		0.045
PH of aqueous suspension		6.8~7.5	Al ₂ O ₃ , % (m/m) ≤		0.01
45μm sieve residue, % (m/m) ≤		0.03	Ca, Mg, K, Na % (m/m) ≤		0.15
Mater volatile at 105°C, % (m/m) ≤		0.5	45μm sieve residue, % (m/m) ≤		0.30
Resistivity of aqueous extract, Ω.m ≥		25	Density (g/cm ³) % ≥		3.90
Fe content, % (m/m) ≤		0.006	Loss on ignition, %(m/m)		0.4%
Water soluble, % (m/m) ≤		0.5	-		-
water dispersion (m/m) ≥		70	-		-

Application:

DHA-100G :Chemical Fiber industry.

DHA-100G: High Purity, widely used in reflective materials, electronic, battery, new energy and special glass industries etc.

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金红石型钛白粉

项 目		质量技术指标	
		DHR - 966	DHR - 967
TiO ₂ 含量, % ≥		93	92
颜色	L值 ≥	97.5	97.5
	B值 ≤	2.3	2.3
消色力 (雷诺指数) ≥		1800	1800
水溶物, % (m/m) ≤		0.5	0.5
水悬浮液PH值		6.5~8.5	6.5~8.5
吸油量, g/100g ≤		22	21
筛余物 (45μm), % (m/m) ≤		0.05	0.05
金红石转化率, % (m/m) ≥		98.5	97.5
105℃挥发物, % (m/m) ≤		0.8	0.8
水萃取液电阻率, Ω.m ≥		50	50
硅 (Si) 含量 % (m/m)		1.2~1.8	1.8~2.2
铝 (Al) 含量 % (m/m)		2.8~3.2	2.8~3.2

一、DHR - 966金红石型钛白粉

产品特点:DHR - 966是经硅、铝无机包覆及有机处理的金红石型钛白粉, 具有粒径均匀适中, 较高的白度、消色力等性点及优异的光泽、分散性、耐候性、遮盖力等特性。

应用领域:属通用型, 推荐用于塑料、涂料、橡胶、色母粒、造纸等。

二、DHR - 967金红石型二氧化钛

产品特点:DHR - 967是经硅、铝无机包覆及有机处理的金红石型钛白粉, 粒径均匀适中, 具有高光泽、高耐候、高分散、高遮盖的特点和优异的白度、亮度、消色力。

应用领域:水性涂料、乳胶漆、粉末涂料、油墨、硬质塑料型材、造纸等领域。



Rutile Titanium Dioxide

Item		Specification	
		DHR - 966	DHR - 967
Purity TiO ₂ , % ≥		93	92
Color	L ≥	97.5	97.5
	b ≤	2.3	2.3
Tinting Strength(Reynolds number) ≥		1800	1800
Water soluble, %(m/m) ≤		0.5	0.5
PH of aqueous suspension		6.5 ~ 8.5	6.5 ~ 8.5
Oil absorption, g/100g ≤		22	21
45μm sieve residue, %(m/m) ≤		0.05	0.05
Rutile crystal from conversion, %(m/m) ≥		98.5	97.5
Matter volatile at 105°C, %(m/m) ≤		0.8	0.8
Resistivity of aqueous extract, Ω.m ≥		50	50
Si content, %(m/m)		1.2 ~ 1.8	1.8 ~ 2.2
Al content, %(m/m)		2.8 ~ 3.2	2.8 ~ 3.2

一、DHR - 966 Rutile Titanium Dioxide

Product Characteristics: DHR-966 is Rutile TiO₂ pigment which is organic surface treated with inorganic Si, Al surface coating, has average particle size distribution, good whiteness, strong tinting strength, high gloss, good dispersion, high weather resistance and good hiding power properties.

Application: It's a universal level product, widely used in plastics, coating, rubber, master batch and paper making industries etc.

二、DHR - 967 Rutile Titanium Dioxide

Product Characteristics: DHR-967 is Rutile TiO₂ pigment which is organic surface treated with inorganic Si, Al surface coating, has average particle size distribution, high gloss, high weather resistance, good dispersion, good hiding power, excellent whiteness, optical property and tinting power.

Application: Water-based paint, latex paint, powder coating, printing ink, hard plastic profiles and paper making etc.



金红石型钛白粉粗品

项 目		质量技术指标	
		DHR - 966C	DHR - 966T
TiO ₂ 含量, % ≥		98.0	98.0
颜色	L值 ≥	97.5	97.5
	B值	2.0 ≤ b ≤ 2.9	商定
消色力 (与标样比) ≥		110	商定
水悬浮液PH值		6.5-8.5	6.5-8.5
吸油量, g/100g ≤		18	18
筛余物 (45μm), % (m/m) ≤		0.05	0.05
金红石型转化率含量, % (m/m) ≥		97.0	商定
105°C挥发物, % (m/m) ≤		0.5	0.5
铁含量, ppm ≤		50	50

■ 用途：粉料产品具有高遮盖率，高消色等特点，主要应用于造纸、固体涂料等行业。颗粒料产品主要应用于金红石型后处理厂。

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Unsurface Treated Rutile Titanium Dioxide

Item		Specification	
		DHR-966C	DHR-966T
Purity TiO ₂ , % ≥		98.0	98.0
Color	L ≥	97.5	97.5
	b	2.0≤B≤2.9	As agreed
Tinting strength (compare with standard) ≥		110	As agreed
PH of aqueous suspension		6.5-8.5	6.5-8.5
Oil absorption, g/100g ≤		18	18
45μm sieve residue, % (m/m) ≤		0.05	0.05
Rutile crystal from conversion, % (m/m) ≥		97.0	As agreed
Matter volatile at 105°C, % (m/m) ≤		0.5	0.5
Fe content, ppm ≤		50	50

■ **Application:** The unsurface treated rutile powder(after grinding), With strong hiding power and high tinting strength, are mainly applied in paper making, solid coating industries etc,. And the unsurface treated rutile coarse grade are mainly supplied to rutile plant for surface treatment process.

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金红石型钛白粉

项 目		质量技术指标
		DHR - 968
TiO ₂ 含量, % ≥		94
颜色	L值 ≥	97.5
	B值 ≤	2.3
消色力 (雷诺指数) ≥		1800
水溶物, % (m/m) ≤		0.5
水悬浮液PH值		6.5~8.5
吸油量, g/100g ≤		21
筛余物 (45μm), % (m/m) ≤		0.05
金红石转化率, % (m/m) ≥		97.5
105℃挥发物, % (m/m) ≤		0.8
水萃取液电阻率, Ω.m ≥		50
锆 (Zr) 含量 % (m/m)		0.4~0.5
铝 (Al) 含量 % (m/m)		2.6~3.2

DHR - 968金红石型二氧化钛

产品特点:是经锆、铝无机包覆及有机处理的金红石型钛白粉, 具有低吸油量, 分散性好, 并能提供出色的遮盖力, 具有良好的光泽度和亮度, 优异的白度, 兼具极好的消色力。

应用领域:在涂料及油墨等行业具有卓越的颜料性能。

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Rutile Titanium Dioxide

Item		Specification
		DHR - 968
Purity TiO ₂ , % ≥		94
Color	L ≥	97.5
	b ≤	2.3
Tinting Strength (Reynolds number) ≥		1800
Water soluble, %(m/m) ≤		0.5
PH of aqueous suspension		6.5 ~ 8.5
Oil absorption, g/100g ≤		21
45μm sieve residue, %(m/m) ≤		0.05
Rutile crystal from conversion, %(m/m) ≥		97.5
Matter volatile at 105°C, %(m/m) ≤		0.8
Resistivity of aqueous extract, Ω.m ≥		50
Zr content, %(m/m)		0.4 ~ 0.5
Al content, %(m/m)		2.6 ~ 3.2

DHR - 968 Rutile Titanium Dioxide

Product Characteristics: DHR-968 is Rutile TiO₂ pigment which is organic surface treated with inorganic Zr, Al surface coating, has low oil absorption, good dispersion, excellent hiding power, good optical property, good whiteness and strong tinting strength.

Application: Coating and printing ink etc.

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