

NTR-606 TITANIUM DIOXIDE

NTR-606 is a rutile titanium dioxide produced by sulfate process, treated with aluminum oxide and zirconium oxide inorganic coating and organic surface treatment. It has excellent bright white and blue shade, with outstanding hiding power, dispersibility and weather resistance. It is widely applicable to coatings, inks and other industries, making it a versatile and multipurpose high-grade rutile product.

TYPICAL PHYSICAL PROPERTIES

Item	Value	Test Method
TiO ₂ , %	94	XRF
Rutile %	99.4	XRD
Inorganic Surface Treatment	Aluminum Oxide, Zirconium Oxide	-
Whiteness, L*	99.0	-
b*	1.5	-
Organic Surface Treatment	有	-
Oil Absorption, g/100g	19	ISO 787-5
pH Value	7.6	ISO 787-9
Specific Gravity	4.1	ISO 787-10
105°C Volatile Matter, %	0.5%MAX	ISO 787-2
ISO 591 Classification	R2	-
CAS Number	13463-67-7	-

Unless otherwise specified, all values are typical values

RECOMMENDED APPLICATIONS

- ▶ This product is suitable for architectural coatings, industrial coatings, powder coatings, wood coatings, inks and other systems

SAFETY PRECAUTIONS

- ▶ Good industrial hygiene practices should be followed during use to avoid dust generation. For detailed safety information, please refer to the Safety Data Sheet (SDS).

STORAGE CONDITIONS

- ▶ The product should be stored in a dry, ventilated, and light-protected environment, avoiding moisture. To ensure optimal performance, it is recommended to use on a first in-first-out basis. Storage period: 3 years.

PACKAGE SPECIFICATIONS

- ▶ 25kg paper bags; 500kg bulk bags; 1000kg bulk bags

The typical performance data in this technical data sheet are for reference only and do not constitute product specification guarantees. Users should determine the suitability of the product for their specific application needs before use.

