

Product Description:

R218 is an economic rutile titanium dioxide pigment manufactured by the sulphate process. On the basis of inorganic coating and special organic treatment, it is again actively treated with unique surface dispersion technology by adding inorganic additives, which reduce the surface force between the particles of titanium dioxide, enhance the powder dry-flow ability, greatly improve the dispersion properties and make it ideally scatter in the medium. R218 is a high cost-effective product aiming at the demand of market, which has exceptional dispersion, good whiteness, good hiding and tinting strength, low oil absorption.

Applications:

Rutile titanium dioxide pigment R218 is a general purpose and economic product, widely used in industries such as coating, paint, plastics, masterbatch, rubber, ink, leather and paper-making etc.

Basic Information:

Name:	Titanium Dioxide (TiO ₂)
CAS NO.:	13463-67-7
EINECS NO.:	236-675-5
Color Index:	77891, pigment white 6
ISO591-1:2000:	R2
ASTM D476-84:	II
Appearance:	White powder
Specific gravity:	4.1 g/cm ³



Technical Specifications: (Standard: Q/SNBJ1-2012)

Property		R218
Active TiO ₂ Content		≥94
Rutile Content	%	≥90
Matter volatile at 105°C	%	≤0.6
Matter soluble in water	%	≤0.5
Residue on sieve 45µm	%	≤0.1
PH of aqueous suspension		6.5-8.5
Brightness	%	95
Oil absorption	g/100g	≤22
Tinting strength (compared with standard sample)	%	≥1700

Package:

25kg paper-plastic compound bag, or as clients' requests offer 500kg/1000kg big woven plastic bag.

Storage and Safety:

The product is a kind of white powder which is safe, nontoxic and harmless. Keep from moisture during transport and should be stored in a cool, ventilated, dry place. Avoid breathing duct when handling, and wash with soap & water in case of skin contact. For more details, please refer to the Material Safety Data Sheet.