



Technical Data Sheet.

Product: Titanium Dioxide Anatase Type.

KA-1000 Adopted unique technology, the product is characterized by excellent optical properties, good whiteness and opacity, and less abrasion to machine.

Typical Technical Data

Typical Properties	Performance	National Standard of Top Grade
TiO <sub>2</sub> content %	98.5, min	98
Color(compared with standard sample)	Obviously better than	Not lower than
Oil absorption, (g/100g pigment)	22,max	26
Residue on 45μm, %	0.05,max	0.10
Tint reducing power, (Compared with standard sample)	100, min	100
pH Value of aqueous suspension	6.5-8.0	6.5-8.0
Water soluble objects %	0.5 , max	0.5
Loss at 105°C %	0.5, max	0.5

Applications

- \*Interior Wall Paint
- \*Interior Decorative Paint.
- \*Primers.
- \*Rubber, Paper, Leather , titanate-making, etc.



Technical Data Sheet.

Product: Titanium Dioksit Rutile Type.

KR-3000, a general multiple purpose white pigment, inorganically coated by Zirconium Oxide and Aluminium Oxide compound, also specially treated by organic modifying ,with good whiteness, good dispersibility, hydrophilic and lipohylic, it can be used in wide range of applications such as coating, plastic, printing and paper-making industries.

Typical Technical Data

Typical Properties	Perfomance
TiO <sub>2</sub> content %	94, min
Inorganic Coating	Al <sub>2</sub> O <sub>3</sub> ZrO <sub>2</sub>
Organic Treatment	Present
CIE L*	97.5-99.9
Oil absorption, (g/100g pigment)	20,max
Residue on 45µm, %	0.03,max
Tint reducing power, TCS	1800, min
Dispersibility (Hegeman Index)	5.00, min
Crystal size, µm	0.25
Specific Resistance, Ω . m	80, min
pH Value of aqueous suspension	6.5-8.5
Durability	Moderate
Specific gravity, g/cm <sup>3</sup>	4.0-4.2

Features

- \*Good Whiteness
- \*Excellent Tint Reducing Power and opacity
- \*Good Dispersibility both in aqueous and oil systems.
- \*High durability, heat and light resistance

Applications

- \*Decorative paints (both interior and exterior)
- \*Poweder Coatings.
- \*Coil Coatings.
- \*General industrial coatings, plastic, paper, rubber, and leather industries.
- \*Inks.