

## TiO<sub>2</sub>/Titanium Dioxide Rutile

# TITANOS R900 / R903 / R906

TITANOS Rutile Titanium Dioxide R900 is produced by sulphate process, it is rutile one for universal use, whose surface is treated with inorganic composite consisting of aluminum and silica, it has excellent optical character. R900 has outstanding brightness, hiding power, tinting strength, dispersibility. It is suitable for coatings, inks, plastics, paper and other fields.

TITANOS Rutile Titanium Dioxide R903 is produced by sulphate process, it is rutile one for universal use, whose surface is treated with inorganic composite consisting of aluminum and silica, it has excellent optical character. It uses zinc as stabilizing agent, has high gloss, excellent dispersion, low oil absorption, high weather resistance, high opacity, whiteness and good dry powder flowability. It is suitable for masterbatch, plastics, sheet metal sheets, leather, colorants and other fields.

TITANOS Rutile Titanium Dioxide R906 is produced by sulphate process, it is rutile one whose surface is treated with inorganic composite consisting of aluminum, zirconium and polyalcohol organic, it has excellent optical character, use zinc as stabilizing agent, R906 has outstanding brightness, dispersibility, high weatherability, high hiding power, fine particle size, narrow distribution of grain diameter. It is suitable for the field of advanced coatings, inks, modified plastics, engineering plastics, pipe profiles.

Items	R900	R903	R906
TiO <sub>2</sub> content %	≥92.0	≥95.0	≥93.0
Brightness %	≥93.0	≥94.0	≥93.0
Tinting strength(Comparative value)	≥100	≥100	≥100
Water soluble %	≤0.50	≤0.50	≤0.50
Rutile content %	≥97.0	≥97.0	≥97.0
PH value of aqueous suspension	6.5-8.0	6.5-8.0	6.5-8.0
Oil absorption g/100g	≤23.0	≤18.0	≤22.0
Mesh residue(45μm) %	≤0.10	≤0.05	≤0.05
Volatile at 105°C %	≤0.60	≤0.60	≤0.60
Color(Compared with the standard sample)	Not less	Not less	Not less
Resistivity Ω·m	≥50	≥50	≥60
Dispersibility(Hegmann)	≥5.00	≥5.50	≥5.00

Packing:25kg per paper bags , 1000kg per woven bags.

Please don't hesitate to contact us to get detailed product information, samples and technical support services.

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