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Titanium dioxide rutile type including chloride process titanium dioxide rutile and sulphate process titanium dioxide rutile.

TITANIUM DIOXIDE PIGMENT (SULPHATE PROCESS RUTILE GRADE)

Applications:

- ◆ Interior and exterior architectural coatings
- ◆ Marine protection coatings
- ◆ Coil coatings
- ◆ Inks
- ◆ Automotive OEM coatings and refinishing coatings, Powder coatings
- ◆ Plastics, profiles, masterbatch
- ◆ Road marking paint

Typical Properties:

TiO ₂ content /%	≥ 94.0
Rutile crystal content /%	≥ 98.5
Surface treatment	Al ₂ O ₃ , ZrO ₂
Volatile constituents at 105°C /%	≤ 0.6
Residue, 45μm /%	≤ 0.01
pH	6.0-9.0
Resistivity, Ω·m	≥ 80
Oil absorption, g/100g	≤ 21.0
CIE L*	≥ 97.5
CIE b*	≤ 1.3
Tintorial power	≥ 1950
Specific gravity, g/cm ³	4.1
Dispersion, Hegman	≥ 6.5

COATING GRADE TITANIUM DIOXIDE (CHLORIDE PROCESS RUTILE TYPE)

Applications:

- ◆ Interior and exterior architectural coatings
- ◆ Water and solvent-based industrial coatings
- ◆ Powder coatings
- ◆ Automotive OEM coatings and refinishing coatings
- ◆ Coil coatings and marine protection coatings

Typical Properties:

TiO ₂ content /%	≥ 94.0
Surface treatment	Al ₂ O ₃ , SiO ₂ , ZrO ₂
Volatile constituents at 105°C /%	≤ 0.5
Residue, 45μm /%	≤ 0.01
pH	6.0-9.0
Resistivity, Ω·m	≥ 80
Oil absorption, g/100g	≤ 18
CIE L*	≥ 98.0
CIE b*	≤ 1.0
Specific gravity, g/cm ³	4.1

Packing:

- ◆ 25kg compound paper bag
- ◆ 500kg, 1000kg plastic woven bag