

Technical Data Sheet

Titanium Dioxide Rutile SHR-368

1. Description

SHR-368 is a titanium dioxide with surface treated combined base, aluminium (Al₂O₃), diphosphorus pentoxide (P₂O₅), potassium oxide (K₂O), Silica (SiO₂), it has average particle size distribution, blue undertone, good dispersion, high whiteness and high hiding power properties. It is especially used in color paste and sheet, Tin-printing ink, coil coating, woodware paint, etc.

2. Technical Specification

Item	Value
Rutile content (%)	≥98.0
TiO ₂ content (%)	≥94.0
Whiteness compared to ST.sample	Similar
Tinting strength(Reynolds number)	≥116
Brightness(%)	≥98.0
Oil Absorption (g/100g)	≤19.5
Oil Dispersion (Hegman)	≥6.0
Resistivity (Ω·M)	≥80
PH Value	6.0-8.5
Residue,% (45μm screen)	≤0.02
Treatment	Zirconium. Aluminum. Organic

3. Application

It is widely used to coating(paint),printing ink,paper,plastic,leather,etc.