



## Products

Rutile Titanium Dioxide Series

- TR-33

- TR-36

- TR-39

Anatase titanium Dioxide Series

Sulfuric Acid Series

Integrated Resource Series

### Rutile Titanium Dioxide Series

Current Location: Home - Products - Rutile Titanium Dioxide Series

Product Name: Rutile Tio2 TR-39

[Inquiry](#)



### TR-39

#### TR-39 HIGH POWDER RESISTANT

Adopted advanced undertone and particle size control technology, TR-39 is inorganically surface coated by multiple elements: Zr, Al, Si, as well as through a particular organic surface modifying. TR-39 is a high powder-resistance white pigment, suitable for these applications with high durability requirements.

#### KEY FEATURES

◇ High durability: long duration under critical conditions, such as high temperature, strong sunlight and massive salt-fog, prevents yellowing and powdering. ◇ Excellent dispersibility: shows good wettability and grind readily when process. ◇ Low oil absorption: delivers good flowability when used in coatings and inks

#### APPLICATIONS

◇ Rigid plastics ◇ Automotive top paints ◇ Architectural coatings (exterior) ◇ Various decorative paints (requires high durability)

#### TYPICAL TECHNICAL DATA

TYPICAL PROPERTIES	PERFORMANCE
TiO <sub>2</sub> content, %	91, 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	1850, min
Dispersibility (Hegeman index)	5.50, min
Crystal size, µm	0.25
Specific resistance, Ω·m	80, min
pH Value of aqueous suspension	6.5-8.5
Durability	High
Specific gravity, g/cm <sup>3</sup>	4.0-4.2

Previous: Rutile Tio2 TR-36

Next: Next product

