

## Tryruti 56

**INCI Name:** Titanium Dioxide(CI 77891)

Rutile titanium dioxide, with surface modification of aluminium and silicon. It has excellent dispersibility, covering power, weather-resistance, high gloss, high temperature-resistance and no turning yellow. When tested at 450°C for 1 hour, the whiteness and glossiness are hardly influenced. It is suitable for products with high weatherability, anti-aging, high whiteness and high gloss.

### Product Parameters:

Appearance: (visual inspection)	White powder
Crystal type:	Rutile
Mean particle size (nm):	300
Surface treatment agent:	Aluminum, silicon
Oil absorption (Cc/100g):	15-20
Loss on drying (%):	≤1.00
Density (g/cm <sup>3</sup> ):	1.00-1.40
Dry whiteness (%):	≥92.00
Dispersibility: (In mineral oil/water)	Easily dispersed in oil and water

### Product Features and Applications:

#### Features:

- 1) High gloss, high colouring power and great weather-resistance.
- 2) Moderate particle size, narrow particle size distribution, good covering power.
- 3) The surface functional modification can reduce the agglomeration of titanium dioxide particles and improve the dispersibility, which has good versatility.
- 4) Low oil absorption, improve product fluidity.

#### Applications:

Mainly used in white coloring system, such as paint, ink, adhesive, rubber, plastic and various types of masterbatch, leather, printing and dyeing

# Technical Data Sheet

Version: EN 1.0

## Storage Information:

Manufacture area:	China
Packaging:	50 kg/ barrel
Storage:	Sealed, storage in a cool and dry place away from light
Shelf life:	36 months

Date: 2020/10/28