

Tryruti AQ51

INCI Name: Titanium Dioxide(CI 77891)

A high-performance rutile titanium dioxide with hydrophilic surface modification, designed for water-based system. It can be added directly and dispersed once entering water. It has high whiteness, high gloss, strong covering power and great weather-resistance.

Product Parameters:

| | |
|------------------------------------|--------------------|
| Appearance: (visual inspection) | White powder |
| Crystal type: | Rutile |
| pH value: | 6.00-10.50 |
| Loss on drying (%): | ≤2.00 |
| Dry whiteness (%): | ≥90.00 |
| Mean particle size (nm): | 300 |
| Surface treatment agent: | Aluminium, silicon |
| Dispersibility (water): | Hydrophilic |

Product Features and Applications:

Features:

- 1) High gloss, strong covering power, high coloring power and great weather-resistance.
- 2) Small particle size and narrow particle size distribution.
- 3) Disperse when entering water, simplify production process and reduce production cost.
(Suggestion: pre-disperse with two parts of water and then add to formula)

Applications:

Mainly used in the coloring of water-based coatings, ink, paper, leather, printing and dyeing systems.

Technical Data Sheet

Version: EN 1.0

Storage Information:

| | |
|-------------------|---|
| Manufacture area: | China |
| Packaging: | 25 kg/barrel |
| Storage: | Sealed, storage in a cool and dry place away from light |
| Shelf life: | 24 months |

Date: 2020/10/28