



DESCRIPTION

TYR-588 is a rutile Titanium Dioxide pigment, produced with chloride process and specially surface-treated, resulting in good particle size and distribution. It is widely applied in coatings, and inks industry, matching technical requirements of multiple applications.

SAFETY AND HEALTH PRECAUTIONS

This product is non-toxic. Move to area with fresh air immediately if inhaled. Flush with clean water if eye exposed. Get medical advice when necessary. Please refer to the Safety Data Sheet for more information.

KEY FEATURES

- ◆ Bluish undertone
- ◆ High lightness
- ◆ High durability
- ◆ Multiple usages

RECOMMENDED APPLICATIONS

- ◆ Building coating, indoors and outdoors, gloss and semi-gloss;
- ◆ Automobile OEM and refinishing paint; coil coating; industrial anti-corrosive coating; decorative coating; powder coating and other coating;
- ◆ Letterpress printing, offset printing, gravure printing, and other ink uses

PACKAGING

The product is packed in paper bags of three quality paper layers with a layer of plastic lining, 25kg in net per bag. Jumbo bag of 1000kg is available as per customer's option.

CONTACT

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TYPICAL PROPERTIES

PARAMETER	VALUE	PARAMETER	VALUE
TiO ₂ content	≥ 93.0 wt%	Aqueous suspension pH	6.5 ~ 8.5
Rutile ratio	≥ 99.0 %	105°C volatile	≤ 0.5 %
L*	≥ 98.2	Water extract resistance	≥ 100 Ω·m
b*	1.4 ~ 2.0	45 μm residue	≤ 0.01 %
CBU	13 ~ 15	Water soluble	≤ 0.5 %
TCS	≥ 90	Dispersion using a high-speed impeller mill	≤ 25 μm
Oil absorption	≤ 20.0 g/100g		

FOOD RELATED APPLICATIONS

Instructions shall be sought by contacting the manufacturer if intended for food related applications.

STORAGE AND TRANSPORTION

The Products should be stored in a ventilated and dry place as classified with the same batch No. to avoid mixing or pollution. Do not store them directly on the ground. Pallets or plastic sheets shall be used to keep the products protected from moisture. It is prohibited to contact or mixed with substances that may react with the product. Handle with care when transport, loading and unloading. Kept out of direct sunlight and rain.

宜宾天原海丰和泰有限公司
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