



亮江化工  
LIANGJIANG CHEM

## DESCRIPTION

R-944 is a rutile titanium dioxide pigment, produced with sulfate process, adopt ZrO and Al<sub>2</sub>O<sub>3</sub> as inorganic coatings materials. Make surface modification with organic treating agent. And it has better whiteness, better dispersibility. It is a multifunctional, universal rutile titanium dioxide powder which can be used in many fields, including paints, plastic, printings ink, paper etc.

## 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

- ◆ High whiteness and glossiness
- ◆ Easily wetted and dispersed
- ◆ High hiding power
- ◆ Excellent weather ability and light resistance

## RECOMMENDED APPLICATIONS

- ◆ Indoor and outdoor paints
- ◆ Water-based coatings
- ◆ Oil-based coatings
- ◆ Powder coatings
- ◆ Printing ink
- ◆ Plastic, paper, leather etc

## PACKAGING

The product is packed in paper bags of three quality paper layers with a layer of plastic lining, 25 kg in net per bag. Jumbo bag of 500 kg or 1000 kg is available as per customer's option.

## CONTACT

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## TYPICAL PROPERTIES

PARAMETER	VALUE	PARAMETER	VALUE
TiO <sub>2</sub> content	≥ 93.0 wt%	Standard	R2
Rutile ratio	≥ 98.0 %	Aqueous suspension PH	6.5 ~ 8.5
Surface treatment	Zro & Al <sub>2</sub> O <sub>3</sub>	105°C volatile	≤ 0.3 %
Lightness	≥ 95.0	Water extract resistance	≥ 150 Ω·m
Oil absorption	≤ 20.0 g/100g	45 um residue	≤ 0.01 %
Density	4.0 g/cm <sup>3</sup>	Hiding power (TCS)	1900

## STORAGE AND TRANSPORTION

The products should be stored in a ventilated and dry place as classified with the same batch number 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 substance that may react with the product. Handle with care when transport, loading and unloading. Keep out of direct sunlight and rain.

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