



TDS of 0969R

1. Description

The TiO₂ product 0969R is developed following the EU, US and Japanese regulations for cosmetics. The standard 0969R followed during production process are similar as the nanometer lipophilic titanium dioxide and therefore its quality is nearly the same with nanometer oily titanium dioxide. Besides the high whiteness, 0969 is also characterized by high covering ability and good compatibility and excellent dispersion with any lipophilic cosmetics products. This product is widely used in the cosmetics and has excellent effect on applications of other industries.

2. Typical Properties

0969R			
Particle size(micron)	0.26-0.42	Crystal Structure	Rutile
Median Partical Size(micron)	0.34	<= 45um Sieve Residue	<= 0.1%
Max. Particle Size(micron)	0.42	pH Value	6.5-8.5
Al ₂ O ₃ &SiO ₂ (max %)	2	conductivity	230
Dry Brightness(min)	>= 96.0	content of rutile (%)	>=90
Specific Gravity	4.1	dispersability	>=100
TiO ₂ - Titanium Dioxide (%)	99%before treatment,89% after treatment	iron content	<=0.01%
Pb - Lead(max ppm)	5	Whiteness	>= 96.0
Cadmium(max ppm)	1	color index L	>= 98%
As- Arsenic(max ppm)	1	color index b	<= 1.0%
Hg- Mercury(max ppm)	1	S-T 1-2um filter test	>=600ml
SB-Antimony(max ppm)	2	carbon content	<= 0.2%
Water Solubles(max %)	0.25	potassium content	<= 0.2%
Acid Solubles(max %)	0.5	phosphorus content	0.1%-0.2%
Loss on drying(%)	0.5	silicon content	<= 0.1%
Loss on Ignition(max %)	0.5	specific surface area(m ² /g)	50-80
Moisture(max%)	0.5	Heavy metal(calculated by Pb, ppm)	15
Volatile matter under 105°C(%)	<= 0.5		

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SHANGHAI JIANGHU TITANIUM WHITE PRO CO., LTD

CAS No.:13463-67-7

EINECS No.:236-675-5

Crystal Structure: Rutile

3. Packing

Packed in 25KG-40KG kraft paper bags, subject to the customer's needs.

4. Storage

Store in cool and ventilating place, keep free from sunlight.

Regulatory Certification Information

- a. FDA approved for: Eyes, face, lips, nails and body.
- b. Have the SGS testing certificate
- c. Have the REACH certificate

For more information, to obtain a product sample, or customizing a product to meet your needs, contact our sales office in Canada.

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