



## Specification – Synox Pigment

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**Product name:** White RM-1 (rutile titanium oxide)

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### General description

**Chemical formula:** Rutile titanium dioxide (TiO<sub>2</sub>)

**Type:** White rutile titanium oxide pigment

**Colour index:** Pigment White 6

**CAS NO.:** 13463-67-7    **EC NO.:** 236-675-5

**Form:** Powder

**Hue:** Pure white

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### Colour difference

#### In oil-based paints:

**CIE L\* (%)** min 98  
**Compare with standard**

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### Colour difference

#### In water-based paints:

**CIE L\* (%)** min 98  
**Compare with standard**

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**Technical data**

TiO <sub>2</sub> content (%)	min 92	
Rutile crystal content (%)	min 90	
Moisture (%)		max 1.0
Test method: ISO787/2		
Water soluble salts (%)		max 0.5
Test method: ISO787/3		
Sieve residue on 45µm mesh (%)		max 0.05
Test method: ISO787/7		
pH value	min 6.5	max 8.5
Test method: ISO787/9		
Oil absorption	min 15	max 25
Test method: ISO787/5		
Apparent density (g/cm <sup>3</sup> )	approx. 1.0	
Test method: ISO787/11		
Inorganic surface treatment(Si/Al)	yes	
Organic surface treatment(Si/Al)	yes	

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**Package**

1 MT bag  
25 KG bag

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Hangzhou Synox Pigments Co., Ltd.

Add: 1304 TianHeng Building, 1509 Binsheng Road, Binjiang District, Hangzhou, Zhejiang, China 310051

Tel: +86-571-87156383, Fax: +86-571-87156373 Email: info@synoxpigments.com