



## Technical Data

### Rutile Titanium Dioxide – TA42

TA42 is a multipurpose grade rutile titanium dioxide which is designed to give optimum properties over the widest possible range of applications, such as interior & exterior architectural coatings, water-based industrial coatings, and also for solvent-based coatings and interior & exterior powder coating.

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<b>PRODUCT NAME</b>	<b>RUTILE TITANIUM DIOXIDE WHITE</b>
<b>PRODUCT CODE</b>	<b>TA42</b>
<b>COLOR INDEX NAME</b>	<b>PIGMENT WHITE 6 (77891)</b>
<b>CHEMICAL FORMULA</b>	<b>TiO<sub>2</sub></b>
<b>CAS NUMBER</b>	<b>13463-67-7</b>

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	<u>UNIT</u>	<u>SPECIFICATION</u>	<u>TEST METHOD</u>
TiO <sub>2</sub> content	%	≥ 94.0	ASTM D1394-63
Rutile content	%	≥ 98.0	XRF
Oil absorption	g/ 100g	≤ 20.0	ISO 787/V
pH value		6.0 - 9.0	ISO 787/IX
Residue to 45 μm (325 mesh) sieve	%	< 0.03	ISO 787/VII
Specific gravity	g/cm <sup>3</sup>	4.1	ISO 787/X
Resistance	Ω.m	≥ 60	
Volatile matter at 105 °C	%	≤ 0.6	ISO 787/II
Hegman Fineness		≥ 6.5	

#### Characteristics

- Zinc chemicals salt treatment
- Multipurpose pigment with inorganic and organic surface treatment
- Alumina, Silica, Amphiphilically modified.