

## TITANIUM DIOXIDE

**TR - 68****Product description**

<b>Product</b>	Titanium dioxide. Rutile pigment by the sulphate process.
<b>Appearance</b>	White powder
<b>Surface treatment</b>	Inorganic (Zr, Al, Si) and organic coating.
<b>Application</b>	Rutile titanium dioxide TR-68 is general grade, which can be used in a wide range of applications such as Oil paint, coating, powder coating, printing ink, plastic, master batch, paper marking, rubber pipe, leather, stone, chemical fiber, etc.

**Product information**

<b>CAS NO</b>	13463-67-7
<b>EINECS NO</b>	236-675-5
<b>Color Index</b>	77891, pigment white 6
<b>ISO591-1:2000</b>	R2
<b>ASTM D476-84</b>	VI

**Typical properties**

<b>TiO<sub>2</sub> Content %</b>	≥94%
<b>Rutile Content (compared with standard sample) %</b>	≥98%
<b>Matter volatile at 105°C %</b>	≤0.5
<b>Residue on sieve 45μm %</b>	≤0.05
<b>PH of aqueous suspension</b>	6.0~9.0
<b>Mean particle diameter μm</b>	0.20~0.28
<b>Oil absorption g/100g</b>	≤20
<b>Tinting strength %</b>	≥1800
<b>Specific gravity</b>	4.1 g/cm <sup>3</sup>
<b>Packing</b>	25kg paper-plastic compound bag, or as clients' requests offer 500kg/1000kg big woven plastic bag.
<b>Storage and safety</b>	The product is a kind of white powder which is safe, nontoxic and harmless. Keep from moisture during transport and should stored in a cool, ventilated, dry place. Avoid breathing duct when handling, and wash with soap & water in case of skin contact. For more details, please refer to the Material Safety Data Sheet.