

## **Technical Data**

## Rutile Titanium Dioxide - TA41

TA41 is a multipurpose grade rutile titanium dioxide which is designed to give optimum properties over the widest possible range of applications, such as architectural coatings, powder coatings, marine protection coatings, automotive coatings, coil coatings and also plastics and inks.

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PRODUCT NAME RUTILE TITANIUM DIOXIDE WHITE

PRODUCT CODE TA41

COLOUR INDEX NAME PIGMENT WHITE 6 (77891)

CHEMICAL FORMULA TiO<sub>2</sub>

CAS NUMBER 13463-67-7

UNIT <u>SPECIFICATION</u> <u>TEST METHOD</u> ASTM D1394-63 TiO<sub>2</sub> content ≥ 95.0 Rutile content ≥ 98.0 **XRF** % Oil absorption ISO 787/V g/ 100g ≤ 19.0 pH value 6.0 - 9.0ISO 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 ≥ 80  $\Omega$ .m Volatile matter at 105 °C ≤ 0.6 ISO 787/II % **Hegman Fineness** ≥ 6.8

## **Characteristics**

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

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