



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.

PRODUCT NAME	RUTILE TITANIUM DIOXIDE WHITE
PRODUCT CODE	TA41
COLOUR INDEX NAME	PIGMENT WHITE 6 (77891)
CHEMICAL FORMULA	TiO₂
CAS NUMBER	13463-67-7

	<u>UNIT</u>	<u>SPECIFICATION</u>	<u>TEST METHOD</u>
TiO ₂ content	%	≥ 95.0	ASTM D1394-63
Rutile content	%	≥ 98.0	XRF
Oil absorption	g/ 100g	≤ 19.0	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 ³	4.1	ISO 787/X
Resistance	Ω.m	≥ 80	
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.