



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.

PRODUCT NAME	RUTILE TITANIUM DIOXIDE WHITE
PRODUCT CODE	TA42
COLOR 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	%	≥ 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 ³	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.