

# Titanium Dioxide



GRADE R-203

PRODUCT OF THE UKRAINE

This product is from a Valetime Integrated Source

## INFORMATION

<b>Standard</b>	TU U 24.1-05766356-054:2005
<b>CAS</b>	13463-67-7 (1317-70-0)
<b>Applications</b>	Titanium Dioxide pigment grade <b>R-203</b> is used to produce different paintwork materials with high atmosphere resistance and decorative characteristics, plastic, rubber, thermosetting plastic, different paper, food package, seal and linoleum.
<b>Packaging</b>	Valve paper bags 25 kg each on pallets (net weight 1000 kg), disposable PP containers big-bags (net weight 625 kg).

## SPECIFICATION

### Specification

	<i>Testing methods</i>	<i>Normal</i>
Percentage by weight of Titanium Dioxide, %, min	GOST 9808, p.5.2	90.0
Percentage by weight of rutile form, %, min	GOST 9808, p.5.3	96.0
Percentage by weight of water soluble matters, %, max.	ISO 787/3, ISO 787/8, GOST 21119.2 p.1,2., GOST 9808, p.5.4	0.2
Percentage by weight of volatile matters, %, max.	ISO 787/2, GOST 21119.1, p.2	0.5
pH water suspension	ISO 787/2, GOST 21119.1, p.2	6.5 – 8.0
Residue on the sieve with mesh 0045, %, max.	ISO 787/7, ISO 787/18, GOST 21119.4, p.1, GOST 9808, p.5.7	0.01
Bleaching capability, conventional units, min.	ISO 787/17, GOST 9529, p.2, GOST 9808, p.5.7	1850
Hiding power, g/m <sup>2</sup> , max.	GOST 8784, GOST 9808, p.5.8	26
Detachability, mkm, max	ISO 8780-4:1990 (E), GOST 9808, p. 5.9	15
Whiteness, conventional units, min.	ISO 787/1, GOST 9808, p.5.11	94.0
Oil absorption, g/100 g of pigment, max.	ISO 787/5	25.0

#### Disclaimer for Specifications

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