

Rutile titanium dioxide pigments

Sulphate process · Fuzhou, Jiangxi Province, China

Three grades, each surface treated and finished for a defined family of end uses: two for coatings, one for plastics. All are titanium dioxide, Pigment White 6, CAS 13463-67-7, Colour Index 77891. Typical properties are not a specification; a full data sheet and a safety data sheet are available for every grade.

	TIKON™ 33 COATINGS	TIKON™ 35 COATINGS	TIKON™ 36 PLASTICS
Application	Coatings	Coatings	Plastics
TiO ₂ content	94 %	94 %	98 %
Surface treatment	Alumina, zirconia, organic	Alumina, zirconia, organic	Alumina, zirconia, organic
Tint tone	Clean	—	Bluish
Oil absorption	21 g/100 g	21 g/100 g	—
pH	7.5	7.5	—
Specific gravity	4.1	4.1	4.1
Bulk density	0.92 kg/l	0.92 kg/l	1.0 kg/l
Particle size, Dn	0.21 µm	0.21 µm	—
Particle size, OD	0.27 µm	0.31 µm	—
Conforms to	—	ASTM D476 II, III BS EN ISO 591-1 R2	ASTM D476 II BS EN ISO 591-1 R2

One site, the whole chain

Ilmenite arrives at one end of the site and finished pigment leaves at the other. Sulphuric acid, steam, process water and effluent treatment are all handled on site.

50,000 t/a

Rutile TiO₂ capacity

200,000 t/a

Sulphuric acid capacity

27.87 ha

Plant site, 418.17 mu

14

Process areas

The information in this data sheet is given in good faith and is believed to be accurate at the date of issue. Typical values describe production averages, are not a specification and do not constitute a warranty, express or implied. Results from particle size measurements depend on the technique used. The customer is responsible for determining the suitability of the product for its own processes and end uses, for testing it under its own conditions, and for compliance with all applicable laws and regulations. Nothing in this document is a recommendation to use any product in a manner that infringes the rights of others.

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