

Technical Data Sheet.

Product Name	:	Titanium Dioxide
Product Number	:	P3362
Appearance	:	A very fine white powder.

Typical Properties.

Specific Gravity	:	3.9g/cm ³
Refractive Index	:	2.75
Average Particle Size	:	92% >53μ (300's mesh)

Chemical Analysis.(% wt)

TiO ₂	:	98.5
P ₂ O ₅	:	0.4
Nb ₂ O ₅	:	0.3
Al ₂ O ₃	:	0.1
SiO ₂	:	0.1
Loss on Ignition (105°C)	:	0.3
Soluble Salts	:	0.3

Uses in ceramics.

As a white opacifying agent in glazes. Additions up to 10% produce matt or semi matt surface finish and slow cooling gives crystalline effects.