

Titanium Dioxide Nano Particle



Titanium Dioxide (TiO_2) nano particles are manufactured with multi-points of quality checks.



APS: <100 nm

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PRODUCT FEATURES

TiO₂

Purity: >99%

Advantages

- ▶ Good Photocatalytic Ability
- ▶ Excellent Thermal stability
- ▶ Antimicrobial Properties
- ▶ Excellent UV blocking properties.

Applications

Polymer Nanocomposites

Ceramics

Photocatalyst

Paints and Coatings

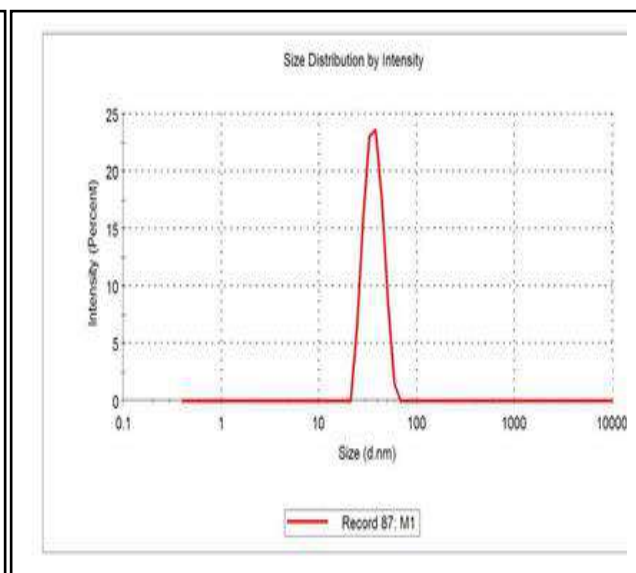
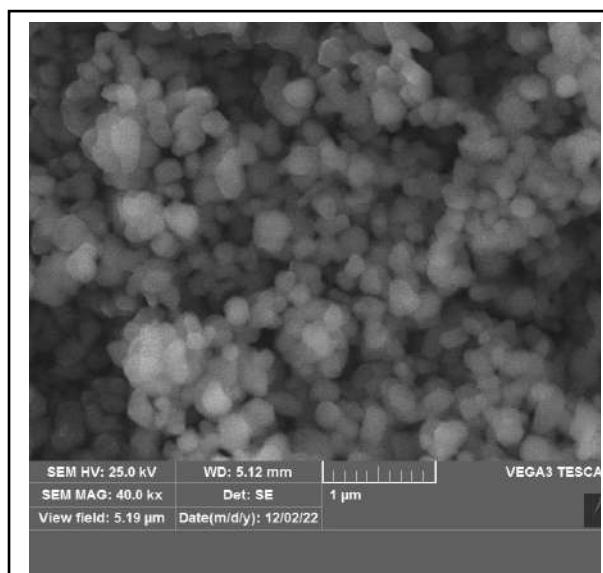
Self Compacting Concrete

Sensors

TECHNICAL DATA SHEET

SPECIFICATION

AD-TiO ₂	DESCRIPTION
PURITY	>99%
AVERAGE PARTICLE SIZE	<100 nm
PHYSICAL FORM	POWDER
SSA	150 m ² /g
BULK DENSITY	0.9 g/cm ³
CAS NO	13463-67-7
MORPHOLOGY OF NANO PARTICLE	NEAR SPHERICAL
COLOUR	WHITE



DISCLAIMER

The values are typical and are for very general guidance and must not be used as a basis for specifications as concrete. Information contained in this publication, and otherwise supplied to users, is based on our general experience and is given in good faith, but we are unable to accept responsibility in respect of factors which are outside our knowledge or control. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. Please refer to MSDS of respective product for safe use.