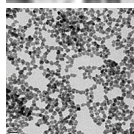
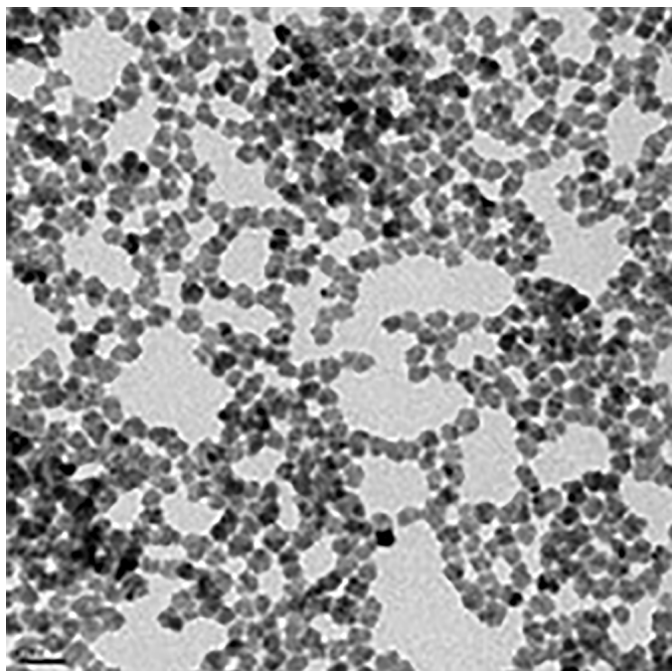


## TiO<sub>2</sub>-WAFAS



Titanium dioxide functionalized (TiO<sub>2</sub> - anatase) nanoparticles in acid water with amino-silane

Rating: Not Rated Yet

**Price**

Salesprice with discount

7,50 €

7 Days

[Ask a question about this product](#)

Manufacturer [Ce.Ri.Col.](#)

Description

TiO <sub>2</sub> functionalized with amino-silane: chemical - physical characteristics	
Characteristics:	White
Description:	Colloidal suspension of titanium dioxide nanoparticles in water functionalized with amino-silane
Appearance:	Milky fluid
Crystalline phase:	Anatase
TiO <sub>2</sub> concentration (‰w/w):	5.5 ± 0.5
Si concentration (‰w/w):	0.35 ± 0.05
Particle dimensions (nm) (DLS Malvern Instrument):	50 ± 10
Polydispersity index PDI:	0.30 ± 0.05
Stability:	12 months

## Intended users:

The product can be applied as it is on various types of surfaces to impart properties of photocatalysis:

- Natural stones: elimination gaseous pollutants (NO<sub>x</sub>, VOCs ..), antibacterial.
- Nanofibrille cellulose: elimination gaseous pollutants (NO<sub>x</sub>, VOCs ..) antibacterial.

## Application conditions:

Spray-coating, brush, dip-coating

## Target market:

Paper factories, cement factories, paint industries

## Downloads: