



Material

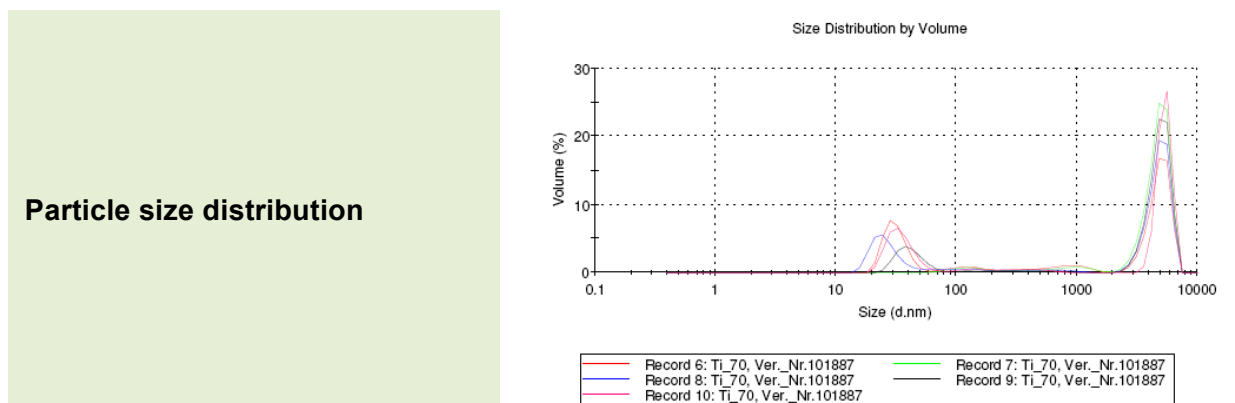
TiO<sub>2</sub>\_70

**Charge description/  
NanoCare Product number** CH-000697  
1.4

**Provider** Evonik Degussa GmbH

**Available form** Powder

**Primary particle size [d<sub>50</sub> in nm]** 33.4 nm



**pH** 3.5

**BET Surface area** 63 m<sup>2</sup>/g

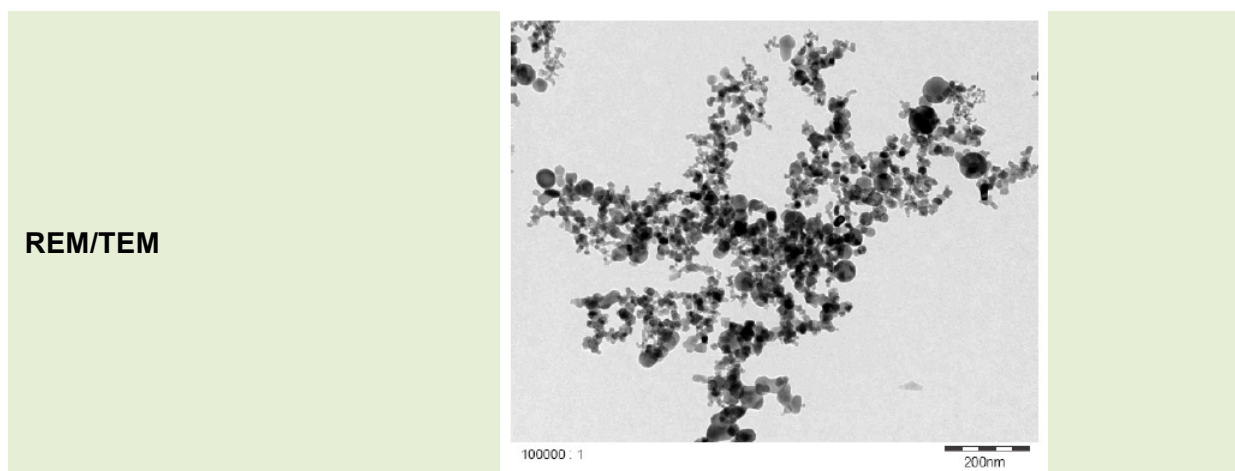
**Particle morphology** crystalline

**Crystal phase and crystallinity** TiO<sub>2</sub> Tetragonal Rutile  
TiO<sub>2</sub> Tetragonal Anatase

**Stabilisation**

**Solubility in Water**

**Purity/contamination** TiO<sub>2</sub>





**Zeta potential**

At pH 3.5: 48mV  
IEP at pH 5.6

**Surface area chemistry**