

# Technical Data Sheet

## Tin(IV)oxide

Revision Date: 03-01/2007

Date Issued: 03-01/2007

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY / UNDERTAKING

<b>Product name</b>	Tin(IV)oxide, Nanopowder
<b>Product code</b>	NO-0009-HP
<b>Supplier</b>	IoLiTec Ionic Liquids Technologies GmbH & Co KG Ferdinand-Porsche-Straße 5/1 D-79211 Denzlingen Germany
<b>Fax</b>	+49 (0)7666 - 9129345
<b>Emergency telephone</b>	+49 (0)179-5322578

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

<b>Ingredient name</b>	Tin(IV)oxide
<b>CAS No.</b>	18282-10-5
<b>Empirical Formula</b>	SnO <sub>2</sub>
<b>Molecular weight</b>	150.71 amu
<b>Purity</b>	99.9 %
<b>Average Particle Size</b>	80 nm
<b>Specific Surface Area</b>	11 m <sup>2</sup> /g
<b>Colour</b>	white
<b>Morphology</b>	-
<b>Bulk Density</b>	-
<b>True Density</b>	6.9 g/cm <sup>3</sup>
<b>Melting point</b>	1625°C
<b>Boiling point</b>	1800-1900°C

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### 3 SPECIFICATIONS

N/A

### 4 TRANSMISSION ELECTRON MICROSCOPY

N/A

### 5 X-RAY DIFFRACTION PATTERN

N/A

### 6 ORDER INFORMATION

### 7 OTHER INFORMATION

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