

Technical Data Sheet

Zinc Oxide

Revision Date: 02/19/2009

Date Issued: 03/01/2007

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

Product name	Zinc Oxide, Nanopowder
Product code	NO-0039-HP
Supplier	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 D-74076 Heilbronn Germany
Telephone	+49 (0)7131 - 898390
Emergency telephone	+49 (0)179 - 5322578

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Zinc Oxide, Nanopowder
CAS No.	1314-13-2
Empirical Formula	ZnO
Molecular weight	81.39 amu
Purity	99.5+%
Average Particle Size	90 – 210 nm
Specific Surface Area	4.9 – 6.8 m ² /g
Colour	White
Morphology	Irregular
Bulk Density	0.25 – 0.4 g/cm ³
True Density	5.606 g/cm ³
Melting point	-

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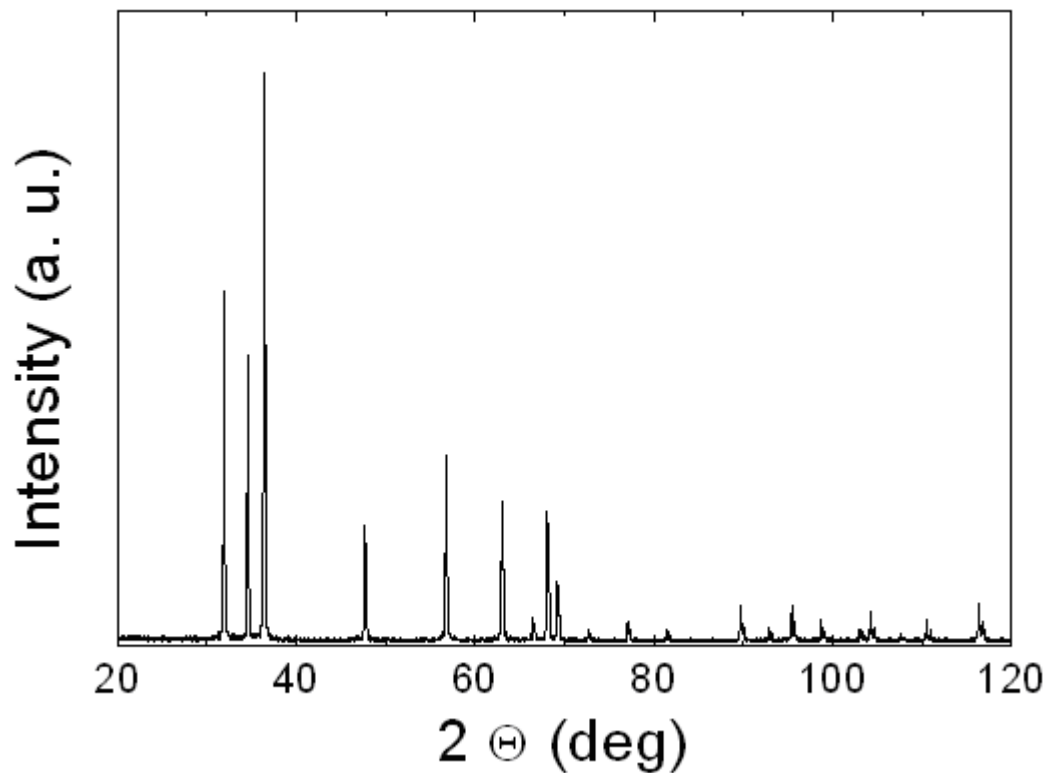
3 SPECIFICATIONS

N/A

4 TRANSMISSION ELECTRON MICROSCOPY

N/A

5 X-RAY DIFFRACTION PATTERN



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6 ORDER INFORMATION

ZnO can be obtained in the following standard quantities.

Quantity	Price
100 g	Please enquire
500 g	Please enquire
1 kg	Please enquire

Please send your order via email to order@nanomaterials.iolitec.de

or fax +49 (0)7131 – 89839109.

7 OTHER INFORMATION

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