

Technical Data Sheet

Silver nanopowder, 150 nm

Revision Date: 03/03/2009

Date Issued: 03/02/2007

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

Product name	Silver nanopowder, 150 nm
Product code	NM-0001-UP
Supplier	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 D-74076 Heilbronn Germany
Telephone	+49 (0)7131 - 898390
Fax	+49 (0)7131 - 89839109
Emergency telephone	+49 (0)179 - 5322578
Email	msds@iolitec.de

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Silver powder
Empirical Formula	Ag
CAS No.	7440-22-4
Molecular weight	107.87 amu
Purity	99.95 %
Average particle size	~ 150 nm (SEM)
Specific Surface Area	N/A
Colour	dark gray
Morphology	nearly spherical
Bulk Density	N/A
True Density	10.49 g cm ⁻³

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Melting point 1535°C

Production method N/A

3 SPECIFICATIONS

Not available

4 TRANSMISSION ELECTRON MICROSCOPY

Not available

5 X-RAY DIFFRACTION PATTERN

Not available

6 ORDER INFORMATION

NM-0001-UP can be obtained in the following standard quantities:

Quantity	Price
5 g	Please enquire
10 g	Please enquire
25 g	Please enquire
50 g	Please enquire
100 g	Please enquire
Bulk	Please enquire

Please send your order via email to order@nanomaterials.iolitec.de or fax +49 (0)7131 – 89839109.

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7 OTHER INFORMATION

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