

Technical Data Sheet

Nickel nanopowder, 20 nm

Revision Date: 03/06/2009

Date Issued: 03/02/2007

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

Product name	Nickel nanopowder, 20 nm
Product code	NM-0028-HP
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

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Nickel powder
Empirical Formula	Ni
CAS No.	7440-02-0
Molecular weight	58.69 amu
Purity	99.9%
Average particle size	20 nm
Particle size range	0 – 50 nm
Specific Surface Area	40 - 60 m ² /g
Colour	black
Morphology	spherical
Bulk Density	0.08 – 0.20 g/cm ³
True Density	-

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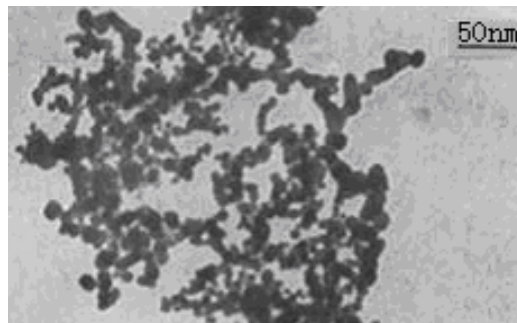
Melting point -

Production method -

3 SPECIFICATIONS

N/A

4 TRANSMISSION ELECTRON MICROSCOPY



5 PARTICLE SIZE DISTRIBUTION

N/A

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6 ORDER INFORMATION

NM-0028-HP 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

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

7 OTHER INFORMATION

Warning-Nickel is a combustible solid. Do not use water as an extinguisher.

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