

Technical Data Sheet

Boron nitride, 137 nm

Revision Date: 2009-08-19

Date Issued: 2007-05-01

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

Product name	Boron nitride powder, 137 nm
Product code	NC-0007-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	Boron nitride powder
Empirical Formula	BN
CAS No.	10043-11-5
Molecular weight	24.82 amu
Purity	99 %
Average particle size	137 nm
Particle size range	nm
Specific Surface Area	19.4 m ² /g
Colour	white
Morphology	hexagonal
Bulk Density	0.30 g/cm ³

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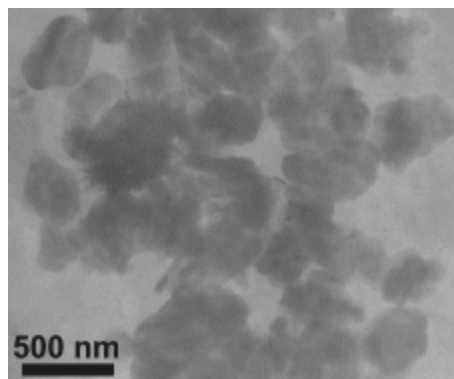
True Density (20 °C) 2.25 g/cm³

Melting point 2700 °C

3 SPECIFICATIONS

Components	Contents (%)
B ₂ O ₃	0.13
CaO	0.003
Fe ₂ O ₃	0.04
MgO	0.04

4 TRANSMISSION ELECTRON MICROSCOPY



6 ORDER INFORMATION

NC-0010-HP can be obtained in the following standard quantities:

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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.

7 OTHER INFORMATION

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