

Technical Data Sheet

Neodymium(III)oxide powder

Revision Date: 14/02/2019

Date Issued: 14/02/2019

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

Product name	Neodymium(III)oxide powder
Product code	NO-0025-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	Neodymium(III)oxide, 99.9 %
CAS No.	1313-97-9
Empirical Formula	Nd ₂ O ₃
Molecular weight	336.48 amu
Purity (REO)	99.9 %
Average Particle Size	80 nm (from TEM)
Specific Surface Area	8-12 m ² /g (from BET)
Colour	blue
Morphology	spherical
True Density	7.2 g/cm ³
Melting Point	2272 °C

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3 ORDER INFORMATION

Nd₂O₃ NO-0025-HP can be obtained in the following standard quantities.

Quantity	Price
25 g	Please enquire
50 g	Please enquire
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.

4 OTHER INFORMATION

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