

Technical Data Sheet

Zirconium(IV)carbide nanopowder, 40-60 nm

Revision Date: 2009-08-19

Date Issued: 2007-05-01

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

Product name	Zirconium(IV)carbide nanopowder, 40-60 nm
Product code	NC-0006-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	Zirconium(IV)carbide powder
Empirical Formula	ZrC
CAS No.	12070-14-3
Molecular weight	103.24 amu
Purity	97 %
Average particle size	40-60 nm
Specific Surface Area	70 m ² /g
Colour	black
Morphology	spherical
Loose loading density	0.08 g/cm ³
True Density (20 °C)	6.73 g/cm ³

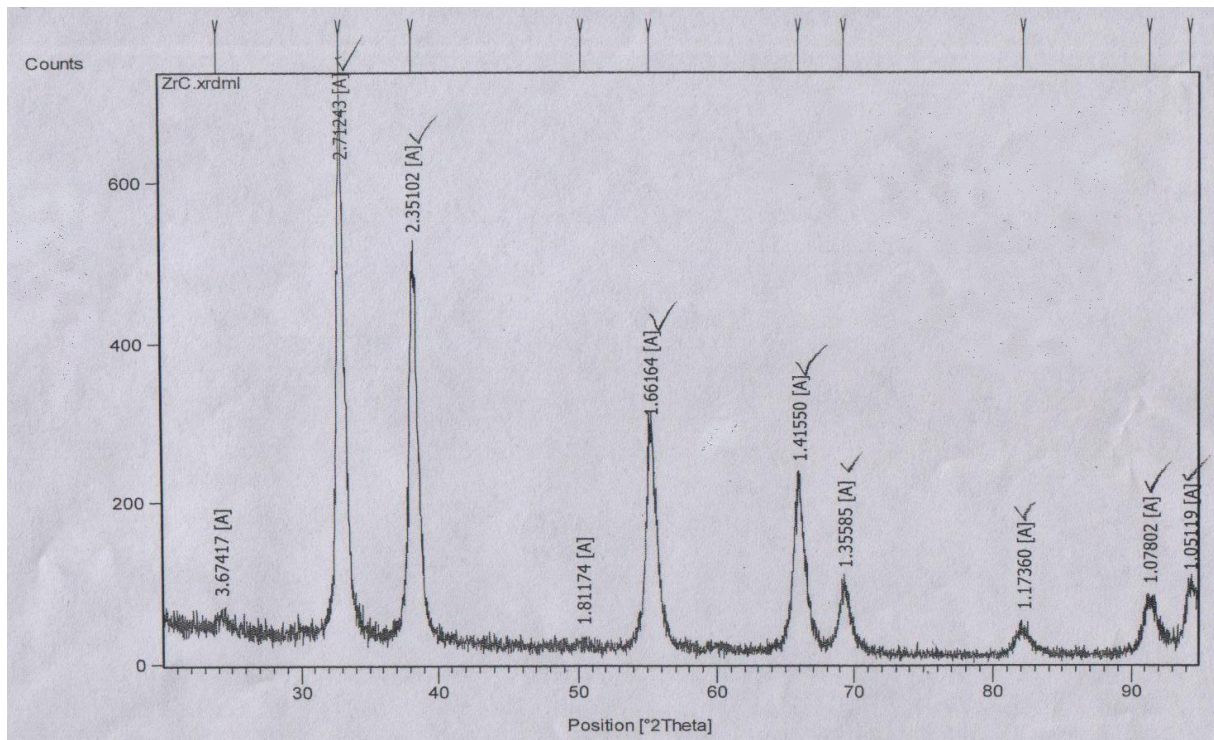
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3 X-RAY DIFFRACTION PATTERN



4 ORDER INFORMATION

NC-0006-HP can be obtained in the following standard quantities:

Quantity	Price
10 g	Please enquire
25 g	Please enquire
50 g	Please enquire
100 g	Please enquire
500 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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5 OTHER INFORMATION

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