

Technical Data Sheet

Antimony Oxide

Revision Date: 01/02/2009

Date Issued: 03/01/2008

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

Product name	Antimony Oxide, Nanopowder
Product code	NO-0010-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	Antimony Oxide
CAS No.	1309-64-4
Empirical Formula	Sb ₂ O ₃
Molecular weight	291.52 amu
Purity	99.9+ %
Average Particle Size	90-210 nm
Specific Surface Area	15.6 m ² /g
Colour	white
Morphology	spherical
Bulk Density	0.55 g/cm ³
True Density	5.67 g/cm ³
Melting point	656 °C

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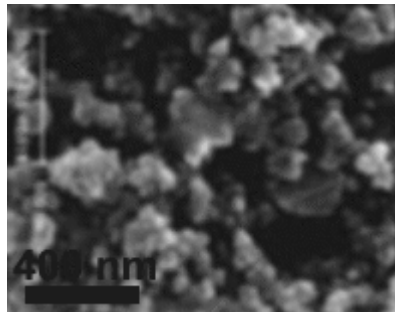
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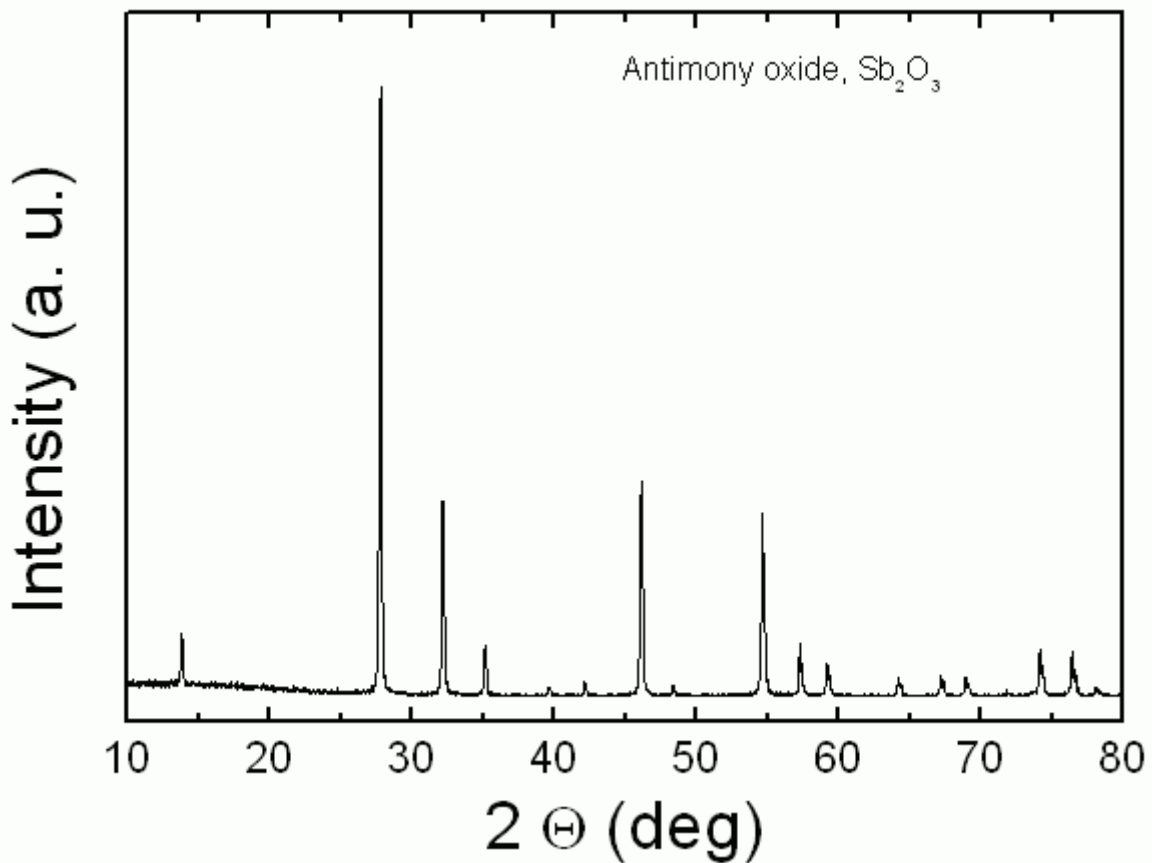
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Boiling point 2980 °C

3 TRANSMISSION ELECTRON MICROSCOPY



4 XRD



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5 OTHER INFORMATION

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