

Technical Data Sheet

Aluminium oxide, gamma

Revision Date: 01/02/2009

Date Issued: 03/01/2008

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

Product name Aluminium oxide, alpha, Nanopowder
Product code NO-0036-HP
Supplier IoLiTec
Ionic Liquids Technologies GmbH
Salzstrasse 184
D-74076 Heilbronn
Germany
Telephone +49 (0)7131 - 898390
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2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name Aluminium oxide, gamma
CAS No. 1344-28-1
Empirical Formula $\gamma\text{-Al}_2\text{O}_3$
Molecular weight 101.96 amu
Purity 99+ %
Average Particle Size 20 nm
Specific Surface Area <200 m²/g
Colour white
Morphology spherical
Bulk Density -
True Density 0.9 g/cm³
Melting point 2045 °C

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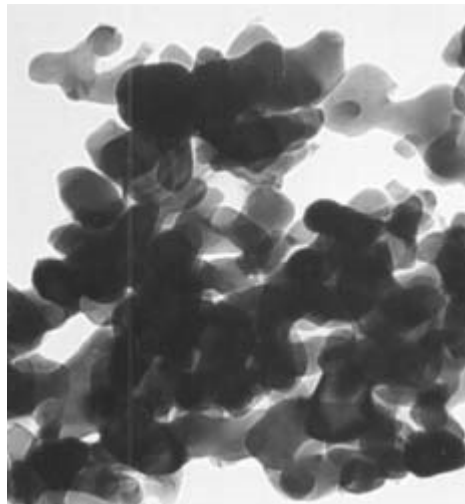
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Boiling point 2980°C

3 TRANSMISSION ELECTRON MICROSCOPY



4 OTHER INFORMATION

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