

Technical Data Sheet

gamma-Aluminium oxide

Revision Date: 04/17/2024

Date Issued: 04/17/2024

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

Product name	Aluminium oxide powder
Product code	NO-0005-UP
CAS	1344-28-1
Supplier	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D-74076 Heilbronn Germany
Telephone	+49 (0)7131 - 898390
Fax	+49 (0)7131 - 89839109
Emergency telephone	+49 (0)151-41255671

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Aluminium oxide, alpha
CAS No.	1344-28-1
Empirical Formula	Al ₂ O ₃
Molecular weight	101.96 g/mol
Purity	99.9%
Average Particle Size	20-80 nm (BET)
Specific Surface Area	> 200 m ² /g (BET)
Relative Density	3.6 g/cm ³

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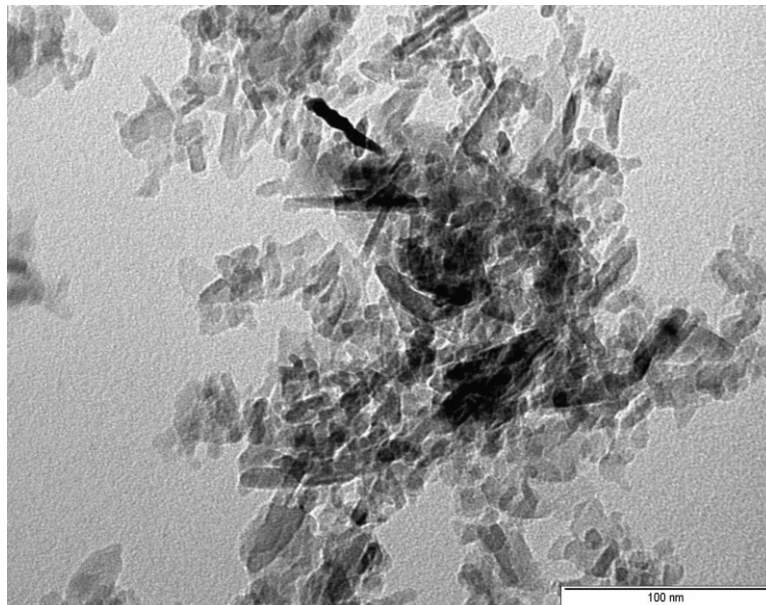
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Melting point 2045°C

Boiling point 2980°

3 TRANSMISSION ELECTRON MICROSCOPY



4 OTHER INFORMATION

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