

Technical Data Sheet

Aluminium nitride

Date Issued: 2019-08-14

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

Product name	Aluminium nitride
Product code	NC-0010-HP
Supplier	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 D-74076 Heilbronn Germany
Telephone	+49 (0)7131 - 898390
Emergency telephone	+49 (0)176 - 84850874

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Aluminium(III)nitride
Empirical Formula	AlN
CAS No.	24304-00-5
Molecular weight	40.99 amu
Purity	99 %
Average particle size	50 nm
Specific Surface Area	75 m ² /g
Crystal Phase	hexagonal
Color	off-white
Morphology	spherical
Bulk Density	0.05 g/cm ³
True Density	3.26 g/cm ³
Melting point	2150-2200 °C
Production method	plasma arc vapor synthesis method

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3 OTHER INFORMATION

DISCLAIMER

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