

# Technical Data Sheet

## Siliconnitride

Date Issued: 2019-08-14

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

<b>Product name</b>	Siliconnitride
<b>Product code</b>	NC-0003-HP
<b>Supplier</b>	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 D-74076 Heilbronn Germany
<b>Telephone</b>	+49 (0)7131 - 898390
<b>Emergency telephone</b>	+49 (0)176 - 84850874

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

<b>Ingredient name</b>	Silicon(IV)nitride
<b>Empirical Formula</b>	Si <sub>3</sub> N <sub>4</sub>
<b>CAS No.</b>	12033-89-5
<b>Molecular weight</b>	140.28 amu
<b>Purity</b>	99 %
<b>Average particle size</b>	20 nm
<b>Specific Surface Area</b>	50 m <sup>2</sup> /g
<b>Colour</b>	white
<b>Morphology</b>	spherical
<b>Crystal system</b>	amorphous
<b>Loose loading density</b>	0.12 g/cm <sup>3</sup>
<b>True Density</b>	3.4 g/cm <sup>3</sup>

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### 3 OTHER INFORMATION

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