

# Technical Data Sheet

## Boron Nitride

Revision Date: 8/18/2025

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

<b>Product name</b>	Boron nitride, powder
<b>Product code</b>	NC-0018-HP
<b>CAS</b>	10043-11-5
<b>Supplier</b>	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D-74076 Heilbronn Germany
<b>Telephone</b>	+49 (0)7131 - 898390
<b>Fax</b>	+49 (0)7131 - 89839109
<b>Emergency telephone</b>	+49 (0)151-41255671

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

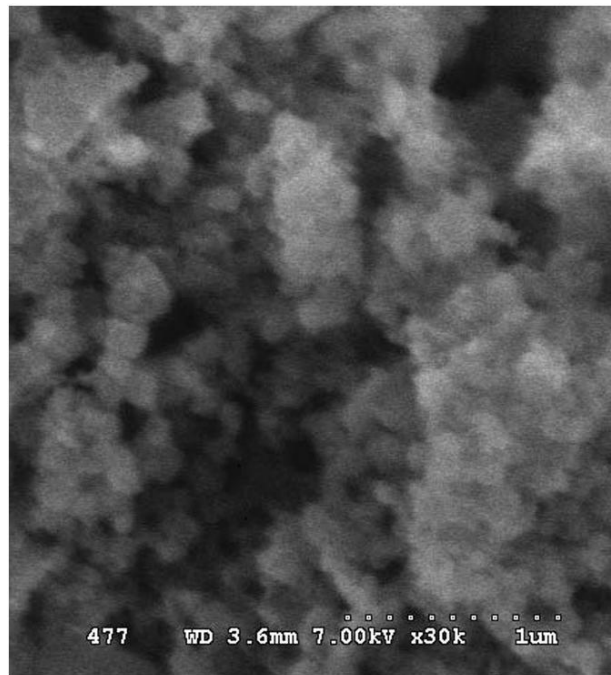
<b>Ingredient name</b>	Boron nitride
<b>CAS No.</b>	10043-11-5
<b>Empirical Formula</b>	BN
<b>Molecular weight</b>	24.82 g/mol
<b>Purity</b>	99%
<b>Crystal structure</b>	hexagonal
<b>Average Particle Size</b>	70 nm
<b>Relative Density</b>	2.29 g/cm <sup>3</sup>
<b>Melting point</b>	2800°C

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### 3 SCANNING ELECTRON MICROSCOPY



### 4 OTHER INFORMATION

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