

Technical Data Sheet

Titanium nitride powder

Date Issued: 2019-08-14

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

Product name	Titanium nitride powder
Product code	NC-0019-SG
Supplier	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 D-74076 Heilbronn Germany
Telephone	+49 (0)7131 - 898390
Fax	+49 (0)7131 - 89839109
Emergency telephone	+49 (0)176 - 84850874

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Titanium(III)nitride
Empirical Formula	TiN
CAS No.	25582-20-4
Molecular weight	61.87 amu
Purity	97 %
Average particle size	100 nm
Specific Surface Area	> 70 m ² /g
Chrystal Phase	face centered cubic (fcc)
Color	black
Morphology	spherical
Bulk density	0.08 g/cm ³
True Density	5.22 g/cm ³

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3 SPECIFICATIONS

Components	Contents (%)
Oxygen	<1.0

4 OTHER INFORMATION

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