

Technical Data Sheet

Titanium carbide

Date Issued: 2019-08-14

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

Product name	Titanium carbide
Product code	NC-0011-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	Titanium(IV)carbide
Empirical Formula	TiC
CAS No.	12070-08-5
Molecular weight	59.88 amu
Purity	99 %
Average particle size	40 nm
Specific Surface Area	> 50 m ² /g
Crystal Phase	cubic
Color	black
Morphology	spherical
Bulk Density	0.08 g/cm ³
Production method	plasma arc vapor synthesis

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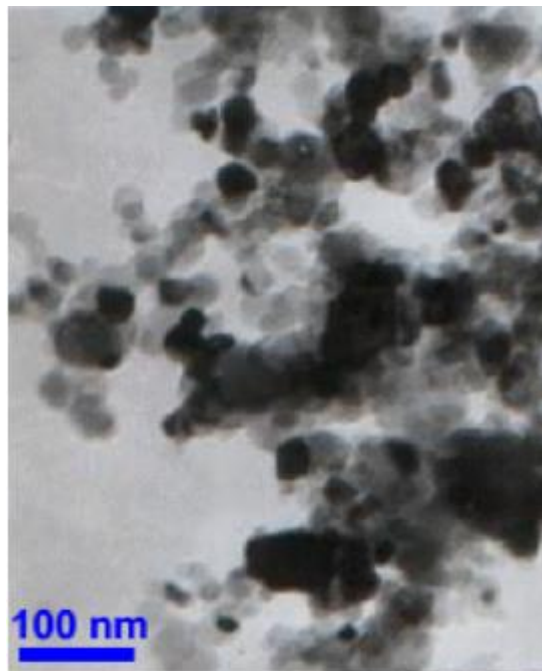
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3 SPECIFICATIONS

Components	Contents (%)
Oxygen	0.9

4 TRANSMISSION ELECTRON MICROSCOPY



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5 OTHER INFORMATION

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