

Technical Data Sheet

Tungsten Carbide powder

Date Issued: 2019-08-14

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

Product name	Tungsten Carbide powder
Product code	NC-0014-UP
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	Tungsten Carbide
CAS No.	12070-12-1
Empirical Formula	WC
Molecular weight	195.86 amu
Purity	99.95 % Impurities: free C typically < 0.05%
Average Particle Size	150-200 nm
Grain Size (XRD)	40-70 nm
Color	black
True Density	15.63 g/cm ³
Melting Point	2870 °C
Boiling Point	6000 °C

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4 DISCLAIMER

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