

Technical Data Sheet

Tungsten powder, 80-120 nm

Revision Date: 08/14/2019

Date Issued: 08/14/2019

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

| | |
|----------------------------|---|
| Product name | Tungsten powder |
| Product code | NM-0034-HP |
| 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 |
| Empirical Formula | W |
| CAS No. | 7440-33-7 |
| Molecular weight | 183.84 amu |
| Purity | > 99% |
| Typical Impurities | K, Mo, Fe, Al |
| Average Particle Size | 80-120 nm |
| Specific Surface Area | ~4-8 m ² /g |
| Colour | black |
| Morphology | nearly spherical |
| Bulk Density | ~2.8 g/cm ³ |
| True Density | 19.5 g/cm ³ |

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Melting point 3422°C

4 OTHER INFORMATION

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