

*Tungsten Nanoparticle (W, 99.95+%, 40-60 nm, metal basis)

Stock #: US1159

Please click [here](#) for price information.

Details:

Tungsten (W)

Purity: 99.95+% (metal basis)

APS: 40-60 nm

SSA: ~25 m²/g

Color: black

Morphology: spherical

Bulk density: ~3.5 g/cm³

True density: 19.3 g/cm³

Flammable, UN 3089

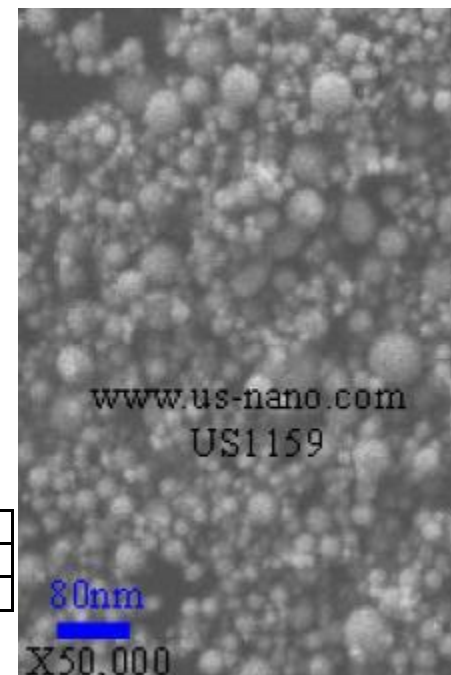
| Certificate of Analysis--ppm | | | | | | | | | | | | |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|
| W | Mo | Al | As | Ca | Fe | Mg | Si | Na | Ni | Mn | Pb | K |
| ≥99.95% | ≤30 | ≤14 | ≤10 | ≤10 | ≤20 | ≤10 | ≤10 | ≤9 | ≤6 | ≤6 | ≤5 | ≤76 |

Applications:

Aerospace alloys; Alloys for electronic package; Alloys for heat sinks; Anti-armor alloys; Circuit breakers; Contacts and electrode materials; Contacts in a protective atmosphere; Electrodes for gas sensors; Microelectronics films; Penetrators; Protective coatings; Sintering additives; Switchgear; Thermal management; Transformer tap changer; Vacuum contactors; Vacuum load switches.....

Storage Conditions:

Damp reunion will affect its dispersion performance and using effects, therefore, this product should be sealed in vacuum and stored in cool and dry room and it should not be exposure to air. In addition, the product should be avoided under stress.



[X-Ray](#)
[MSDS](#)

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