\*Tantalum Nanoparticle (Ta, high purity, 99.99\%, 50-80 nm, metal basis)

Stock #: US1143
Please click here for price information.

Details:
Tantalum (Ta)  
Purity: 99.99\% (metal basis)  
APS: 50-80 nm  
Color: black  
Morphology: spherical  
True density: 16.7 g/cm\textsuperscript{3}  
Flammable, UN 3089, 4.1

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Applications
US1143 Nano-Ta powder, particle size uniformity, and good dispersion. Mainly used in electronics-the major use for tantalum, as the metal powder, is in the production of electronic components, mainly capacitors and some high-power resistors, for example, Tantalum electrolytic capacitor. Alloys-Tantalum powder is also used to produce a variety of alloys that have high melting points, are strong and have good ductility. It is also occasionally used in precious watches e.g. from Hublot, Montblanc and Panerai. Tantalum is also highly bioinert and is used as an orthopedic implant material...Tantalum was discovered in Sweden in 1802 by Anders Ekeberg.

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.