NANOSHEL
Creating Miracles in Black

NS6130-12-000420A

TUNGSTEN HEXACARBONYL Nanoparticles

Quick Facts

Product	:	Tungsten hexacarbonyl Nanoparticles
Stock No	:	NS6130-12-000420A
CAS	:	14040-11-0
Molecular Formula	:	W(CO)6
Form	:	Powder

Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
233.43g/mol	2.65g/cm³	150-174°C	80-100nm

Tungsten hexacarbonyl (also called tungsten carbonyl) is the chemical compound with the formula W(CO)6. Tungsten carbonyl is widely used in electron beam-induced deposition technique - it is easily vaporized and decomposed by the electron beam providing a convenient source of tungsten atoms. Tungsten Hexacarbonyl is an useful catalyst in carbonyation amines, as well as an stable source of tungsten atoms through electron beam-induced depostion.

W(CO)6
APS 80-100nm

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20ZICE4589C 19ZAZGO1274G 20ZICE4588M

ISO 9001:2015
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