

Tungsten

SILICIDE POWDER

Tungsten silicide (WSi_2) is an inorganic compound, a silicide of tungsten. It is an electrically conductive ceramic material. Tungsten silicide powder has high melting point, high corrosion resistance, high oxidation resistance, good electrical conductivity, high temperature ductility. Tungsten silicide is a replacement for earlier tungsten films. Tungsten silicide is also used as a barrier layer between silicon and other metals, e.g. tungsten. Tungsten silicide also finds use in microelectromechanical systems and for oxidation-resistant coatings. The tungsten silicide powder market can be segmented into integrated circuits, components, transistors, microelectronics, wafers for semiconductors, barrier layers, and photovoltaics.

Quick FACTS

- ✓ Product : Tungsten Silicide Powder
- ✓ Color : Blue/Gray Powder
- ✓ Stock No : NS6130-12-000240
- ✓ CAS : 12039-88-2
- ✓ Purity : 99.9%
- ✓ APS : 40-50 μ m
- ✓ Other Metal : 950ppm



CE ISO 9001:2015
CERTIFIED COMPANY
ISO: 13485:2016/20ZICE4588M
CE: 20ZICE4589C

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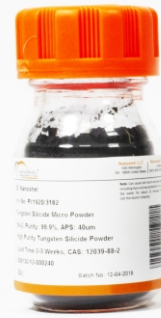
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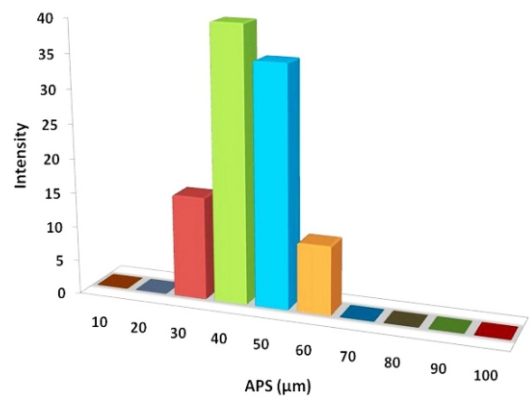
Applications

- ✓ Microelectromechanical systems and for oxidation-resistant coatings
- ✓ Circuits, components, transistors, microelectronics,
- ✓ Wafers for semiconductors, barrier layers



Packing Sizes Available

10ml, 25ml, 50ml, 100ml,
250ml, 500ml, 1Ltr & Bulk orders



Technical SPECIFICATION

Molecular Formula	Molecular Weight	Density	Melting Point
Wsi2	240.011 g/mol	9.3 g/cm3	2160 °C

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