

COBALT SILICIDE POWDER

Stock No: NS6130-12-000244



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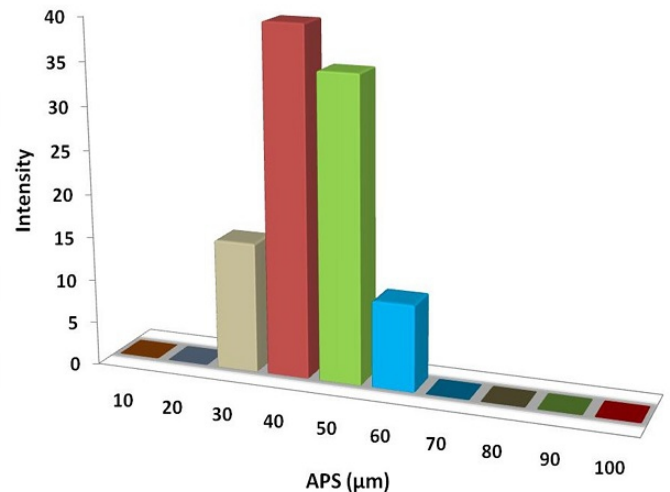
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Cobalt Silicide Powder

Cobalt silicide has emerged as a leading contact material in silicon technology due to its low resistivity, high stability and small lattice mismatch. Low-resistivity polycrystalline cobalt disilicide (CoSi_2) has many favorable properties, such as low bulk electrical resistivity and good lattice match with Si (001), and has been widely used as a contact material for silicon ULSI (ultra-large scale integration) devices as the device feature size decreases.

Quick Facts

Product	:	Cobalt Silicide Powder
Color	:	Gray Powder
Stock No	:	NS6130-12-000244
CAS	:	12017-12-8
Purity	:	99.9%
APS	:	40-50 μm
Other Metal	:	900ppm



Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
CoSi_2	115.1 g/mol	5.3g/cm ₃	1277 °C

Applications

- Ultra-fast MetalSemiconductor-Metal photodetector
- High frequency Schottky Junction Transistors

ISO 9001:2015
CERTIFIED COMPANY

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