

**NS6130-12-001700**

# Cobalt Sulfide Nanopowder

## Quick Facts

Product	:	Cobalt Sulfide Nanopowder
Stock No	:	NS6130-12-001700
CAS	:	1317-42-6
Molecular Formula	:	CoS <sub>2</sub>

**Purity**  
99.9%

## Technical Specification

Molecular Weight	Density	Melting Point	APS
90.9982g/mol	5.45g/cm <sup>3</sup>	1195°C	80-100nm

CoS<sub>2</sub>, also known as cobalt disulfide, is a compound consisting of cobalt and sulfur with the chemical formula CoS<sub>2</sub>. Cobalt disulfide has been extensively studied for its potential applications in energy storage devices such as lithium-ion batteries and supercapacitors due to its high theoretical specific capacitance and electrochemical performance. cobalt sulfide has also been investigated for its potential use in energy storage applications, such as lithium-ion batteries and supercapacitors.

**CoS<sub>2</sub>**  
APS 80-100nm



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