

**NS6130-02-272**

## Quick Facts

Product	:	Iron Sulfide Nanoparticles
Stock No	:	NS6130-02-272
CAS	:	1317-37-9
Molecular Formula	:	FeS
Form	:	Powder

# Iron Sulfide Nanoparticles

**Purity**  
99.9%

## Technical Specification

Molecular Weight	Density	Melting Point	APS
87.91 g/mol	4.75 g/cm <sup>3</sup>	1194 °C	30-45nm

Iron(II) sulfide or ferrous sulfide is one of a family chemical compounds and minerals with the approximate formula FeS. FeS powder is used as a grinding-active filler in resin-bonded grinding wheels and cut off wheels, brake linings, etc. It can be used alone or in combination with other active fillers in organic bonded abrasives. It is used to control hydrogen embrittlement in alloy and stainless steel industries.

## Application

- ✓ Gas and oil production systems
- ✓ Plug safety valves
- ✓ Reduce or accelerate corrosion



**FeS**  
APS 30-45nm



Follow us:



| [www.nanoshel.com](http://www.nanoshel.com) | [sales@nanoshel.com](mailto:sales@nanoshel.com)