

Sulphur

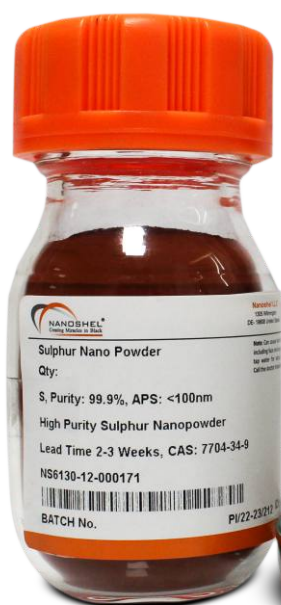
NANOPARTICLES

S

Purity
>99.9%

Stock no.
NS6130-12-000171
CAS : 7440-34-9

Sulfur is a chemical element with the symbol S and atomic number 16. Sulfur is used in matches, insecticides, and fungicides. Sulfur in powdered form, is a common fungicide for grapes, strawberry, many vegetables and several other crops. It is also used in pyrotechnic applications. It can also be used in the formation of a polymeric electrolyte for lithium-sulfur batteries, dyeing cotton yarn or fabrics, especially on denim yarn. Used on dyeing leather or paper. Sulfur can be used as a precursor in the sulfurization of molybdenum (Mo) for the preparation of molybdenum disulfide. It can also be used in the formation of a polymeric electrolyte for lithium-sulfur batteries.



Technical Specification

Molecular Weight	Density	Melting Point	APS
32.06g/mol	1.9-2.1g/cm ³	118-120°C	<100nm

APS: <100nm



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www.nanoshel.com | sales@nanoshel.com

INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED
Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911