

GALLIUM ARSENIDE

Powder

Nanoparticles research is currently one of the most active branches of science with many of applications in various field. Gallium arsenide is a semiconductor with excellent electronic properties. Gallium arsenide nanoparticles. Gallium is a Block P, Period 4 element, while arsenic is a Block P, Period 4 element. Gallium arsenide is a semiconductor with excellent electronic properties. The morphology of gallium arsenide nanoparticles is gray cubic crystals. Gallium arsenide nanoparticles are graded as toxic and dangerous for the environment. Gallium arsenide (GaAs) is a compound of gallium and arsenic. It is a vital semiconductor and is commonly used to manufacture devices such as infrared emitting diodes, laser diodes, integrated circuits at microwave frequencies, and photovoltaic cells.

APS
40-50µm

PURITY
99.99%



GaAs

CAS
1303-00-0

NS6130-12-000351

Quick Facts

Product	: Gallium Arsenide Powder
Stock No	: NS6130-12-000351
CAS	: 1303-00-0
Color	: Grey
Form	: Powder

TECHNICAL Specification

APS	: 40-50µm
Purity	: 99.99%
Molecular Weight	: 144.64g/mol
Density	: 5.3 g/cm ³
Melting Point	: 1400°C

APPLICATIONS

- ✓ In the manufacture of devices such as monolithic microwave integrated circuits, infrared light-emitting diodes, microwave frequency integrated circuits, solar cells, laser diodes, and optical windows
- ✓ Gallium arsenide nanowires can be used for high technology applications such as electronics, optics, and photovoltaics.

Packing Sizes:

25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders



Follow us:



www.nanoshel.com | sales@nanoshel.com

INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252



2021CE4589C



19ZAZG01274G



2021CE4588M

ISO 9001:2015
CERTIFIED COMPANY

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