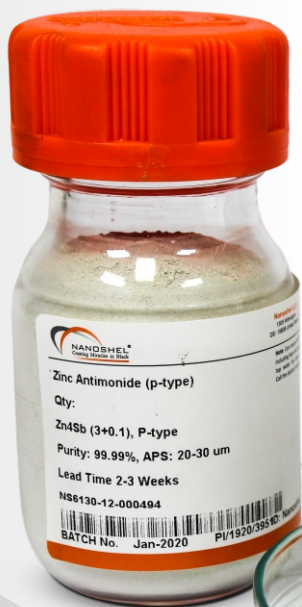


# ZINC

## ANTIMONIDE Thermoelectric

Zinc antimonide ( $\text{ZnSb}$ ), ( $\text{Zn}_3\text{Sb}_2$ ), ( $\text{Zn}_4\text{Sb}_3$ ) is an inorganic chemical compound. Like indium antimonide, aluminium antimonide, and gallium antimonide, it is a semiconducting intermetallic compound. It is used in transistors, infrared detectors and thermal imagers, as well as magnetoresistive devices.



**APS**  
20-30 $\mu\text{m}$

**PURITY**  
99.99%



### 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

# $\text{Zn}_4\text{Sb}_3$

**CAS**  
12039-42-8

NS6130-12-000494

## Quick Facts

|          |                                  |
|----------|----------------------------------|
| Product  | : Zinc Antimonide Thermoelectric |
| Stock No | : NS6130-12-000494               |
| CAS      | : 12039-42-8                     |
| Form     | : Powder                         |

## TECHNICAL Specification

|                  |                         |
|------------------|-------------------------|
| APS              | : 20-30 $\mu\text{m}$   |
| Purity           | : 99.99%                |
| Molecular Weight | : 424.06g/mol           |
| Density          | : 6.33g/cm <sup>3</sup> |
| Melting Point    | : 565 °C                |

## APPLICATIONS

- ✓ Transistors
- ✓ Thermal imagers
- ✓ Infrared detectors
- ✓ Magnetoresistive devices



202ICE4589C



19ZAZ001274G



202ICE4588M

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