

# INDIUM

## POWDER



NS6130-12-000755

-325mesh



Follow us:



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

# Indium Powder

Indium is a Block P, Period 5 element. Indium has been used in many semiconducting materials that are used for electronics and other applications like solar cells. Used in the manufacturing of automobile bearings, this improves anti-seizure properties and moisture resistance. Used in semiconductor industries in the manufacturing of transistors, rectifiers, and diodes. Used in manufacturing of corrosive resistant mirrors.

## Quick Facts

Product	:	Indium Powder
Stock No	:	NS6130-12-000755
CAS	:	7440-74-6
Purity	:	99.9%
APS	:	-325mesh

## Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
In	114.82g/mol	7.3g/cm <sub>3</sub>	156.6°C

- Used for the manufacture of CIGS solar cells, a type of second generation thin film solar cell.
- Transparent Electrical Conductor Malleable
- Coating of high-speed bearings
- Making mirrors
- Making transistors, Photoconductors



**Intelligent Materials Pvt Ltd**  
Derabassi  
Punjab (140507)  
INDIA

**Nanosheel UK Limited**  
Chapel House,  
Chapel St Cheshire,  
CW12 4AB United Kingdom

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

+91 9779 550077, 9779238252

+44 1782 454 144, +44 74 105 48802

+1 646 470 4911