

Titanium

High Purity Metal

Characteristics

- ✓ Lightweight
- ✓ Corrosion Resistant
- ✓ Cost-efficient
- ✓ Non-toxic
- ✓ Long-lasting
- ✓ Non-ferromagnetic
- ✓ Long range availability

Quick Facts

Molecular Formula	:	Ti
Molecular Weight	:	47.86g/mol
Density	:	4.54g/cm ³
Melting Point	:	1668°C
Boiling Point	:	3560°C
Thermal Conductivity	:	21.9W/(mK)
Electrical Resistivity	:	42.0μΩcm (at 20 °C)
Thermal Expansion	:	8.9μm/(mK) (at 25 °C)
Young's Modulus	:	116GPa
Specific Heat	:	0.125 kJ/kg · K

Purity : 99.99%

Titanium is a chemical element with the symbol Ti and atomic number 22. It is a lustrous transition metal with a silver color, low density, and high strength. Titanium (Ti), chemical element, a silvery gray metal of Group 4 (IVb) of the periodic table. Titanium is a lightweight, high-strength, low-corrosion structural metal and is used in alloy form for parts in high-speed aircraft.

Benefits

- ✓ Aerospace engines
- ✓ Agri-food production
- ✓ Medical prosthetics and instruments
- ✓ Telecommunications in such things as mobile phones and equipment
- ✓ Gas and oil exploration for deep sea drilling
- ✓ Automotive for engines and other elements of high performance vehicles
- ✓ Marine propeller shafts and rigging for desalination plants
- ✓ Performance Bicycle frames and parts

High Purity
Titanium
Available in:

Pieces | Rods | Shots | Chips | Pellets | Wires | Ingots | Bars | Granules



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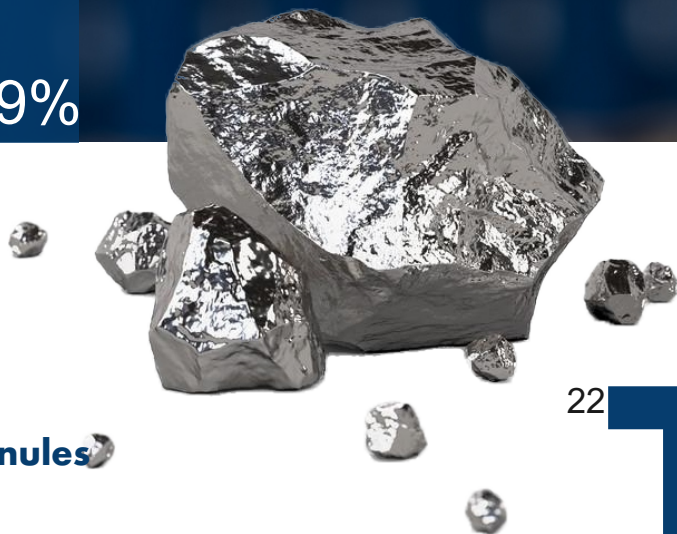


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CERTIFIED COMPANY



22 **Ti**
47.867

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

