

Lanthanum

High Purity Metal

Characteristics

- ✓ Super conducting
- ✓ Good corrosion resistance
- ✓ Excellent strength
- ✓ Good weldability

Quick Facts

Molecular Formula	:	La
Molecular Weight	:	138.91 g/mol
Density	:	6.162g/cm ³
Melting Point	:	915-925°C
Boiling Point	:	3464°C
Thermal Conductivity	:	13.4 W/cm/K @ 298.2 K
Electrical Resistivity	:	615 μΩ-cm @ 20 °C
Thermal Expansion	:	12.1 μm/m·K
Young's Modulus	:	36.6GPa
Specific Heat	:	0.1951 J/g·°C

Purity : 99.9%

Lanthanum is a chemical element with the symbol La and atomic number 57. Lanthanum is a silvery white metallic element that belongs to group 3 of the periodic table and is the first element of the lanthanide series. It is found in some rare-earth minerals, usually in combination with cerium and other rare earth elements. Lanthanum compounds have numerous applications as catalysts, additives in glass, carbon lighting for studio lighting and projection, ignition elements in lighters and torches, electron cathodes, scintillators, and others.

Benefits

- ✓ Used for anodic material of nickel-metal hydride batteries
- ✓ Used in electronic vacuum tubes as hot cathode materials
- ✓ Used for fiber-optical communication systems
- ✓ Used commercially in detectors of neutrons or gamma rays
- ✓ Industry for studio lighting and projection
- ✓ Used in making special optical glasses
- ✓ Camera and telescope lenses
- ✓ Used in phosphor lamp coatings



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Available in:

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



2021CE4589C



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2021CE4588M

ISO 9001:2015
CERTIFIED COMPANY

57
La
138.90

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