

Praseodymium

High Purity Metal

Characteristics

- ✓ Good conductivity
- ✓ Malleable and ductile metal
- ✓ Valued for its magnetic
- ✓ Good electrical, chemical
- ✓ Optical properties

Quick Facts

Molecular Formula	:	Pr
Molecular Weight	:	140.91 g/mol
Density	:	140.91 g/mol
Melting Point	:	935 °C
Boiling Point	:	3290 °C
Thermal Conductivity	:	0.113W/(mK)
Electrical Resistivity	:	68nΩm (at 20 °C)
Thermal Expansion	:	6.7µm/(mK) (at 25 °C)
Young's Modulus	:	37.3GPa
Specific Heat	:	0.049 Cal/g/K @ 25 °C

Purity : 99.1%

High Purity
Praseodymium
Available in:

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



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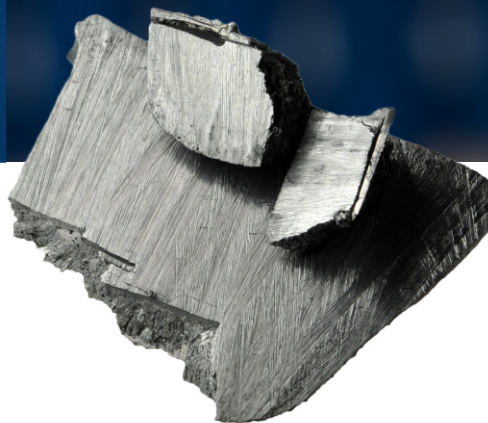


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ISO 9001:2015
CERTIFIED COMPANY



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Praseodymium Magnets are the world's strongest magnets. Neodymium rod magnets are strong, versatile rare-earth magnets that are cylindrical in shape, where the magnetic length is equal to or larger than the diameter. They are built for applications where high-magnetic strength is required in compact spaces and can be recessed into drilled holes for heavy-duty holding or sensing purposes.

Benefits

- ✓ Used in Rare-earth magnets, lasers
- ✓ Core material for carbon arc lighting,
- ✓ Colorant in glasses and enamels,
- ✓ Additive in didymium glass used in welding goggles
- ✓ Ferro cerium fire steel (flint) products
- ✓ Praseodymium is also used to color cubic zirconia yellow-green
- ✓ Praseodymium oxide can be used as oxidation catalysts

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