



ReadingAlloys
advanced engineered materials®

A Premier Producer of High-Purity Titanium Specialty Powders

Reading Alloys, Inc. is a global leader in producing master alloys, specialty alloys and high-purity metal and fine powders. Our high-purity alloys are manufactured in accordance with ISO 9001:2000 and AS 9100 certified and supported by an analytical laboratory that is Nadcap approved.

Our manufacturing processes include Hydride-Dehydride, Electron Beam Melting and Refining, Induction Melting, Vacuum Sintering, Aluminothermic Smelting and Cold Isostatic Pressing. Specialized equipment is used to customize particle size distribution, morphology, agglomeration and sizing of powder products.

Powder Products

Medical and custom grades available in CP Ti and Ti-6Al-4V (low Oxygen) powders, Al-V, Mo-Ti and Nb. Also available as hydride powders.

Powder Characteristics

Typical particle size distributions (PSD) range from 45 to 150 microns with an angular morphology. Medical grade powders are certified to ASTM F1580-01 chemistry.

Markets Served

Powder Metallurgy processes such as Hot Isostatic Pressing, Cold Isostatic Pressing/Sintering, Metal Injection Moulding and Plasma Spraying.

Powder Applications

Porous Coatings on titanium alloy implants, near net shape, sputtering targets, electronics and feedstock.

Technical Services

R&D, applications engineering, alloy development, analytical laboratory capabilities and pilot trials to full-scale production.



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Registered to
**ISO 9001:
2000**

Commercially Pure Titanium Powder

100 μ m

