



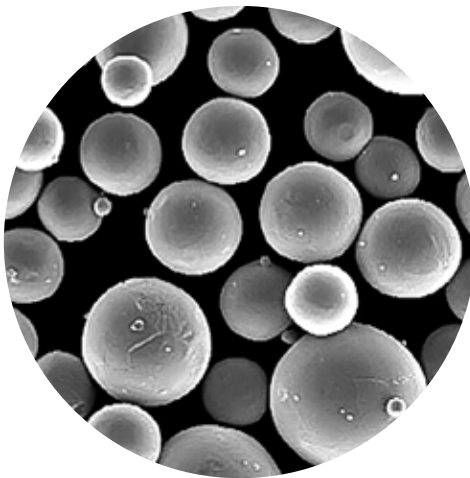
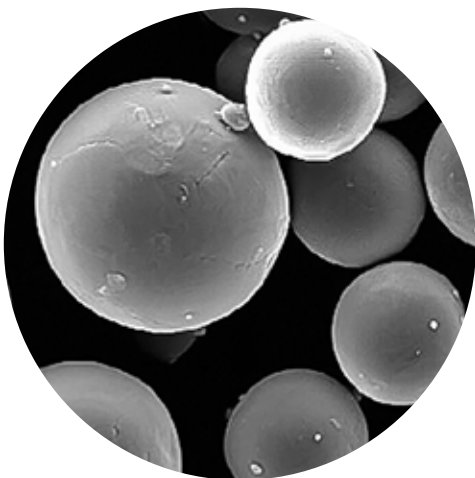
Ti64 -250/90

Titanium Alloy Powder Ti-6Al-4V -250 μ m +90 μ m

KEY FEATURES

- ▶ Suitable for the most demanding industrial applications.
- ▶ Plasma atomized powder
- ▶ High purity material
- ▶ Excellent flowing properties
- ▶ High packing density
- ▶ *ASTM B348-13 Grade 23, F136-13, F1472-14, F1580-12, F3001-14*

Our unique plasma atomization process produces a highly spherical Titanium alloy powder, which combines high packing density and excellent flowing properties. Our spherical Ti64 powder is the material of choice for the Hot and Cold Isostatic Pressing market. Our -250 +90 μ m Ti-6Al-4V powder is also compatible with the most demanding industrial markets.



2895 INDUSTRIAL BLVD., SHERBROOKE, QC, J1L 2T9

+1 819.820.7771, INFO@TEKNA.COM

WWW.TEKNA.COM

TYPICAL PROPERTIES

Product number: 34208

Particle Size Distribution

Size (μm) +250 Typical Results: < 2% Max: 15%

Size (μm) -250+90 Typical Results: > 96% Min: 80%

Size (μm) -90 Typical Results: < 2% Max: 5%

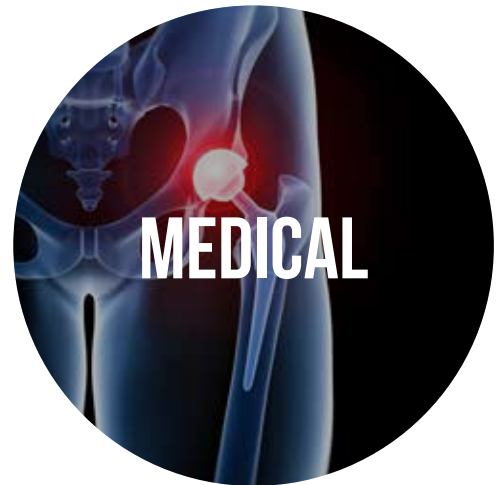
Chemistry

Titanium	Balance	Nitrogen	< 0.04%
Aluminum	6.0 - 6.5%	Hydrogen	< 0.012%
Vanadium	3.5 - 4.5%	Carbon	< 0.08%
Iron	< 0.25%	Yttrium	< 0.005%
Oxygen	< 0.10%		

Density

Tap Density	> 2.6g/cm ³	Apparent Density	> 2.2g/cm ³
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INDUSTRIES



ABOUT TEKNA

Tekna is the world leader in induction plasma technology and manufacturing turnkey systems. With 25 years of industrial experience Tekna is able to offer the power of inductive plasma technology to manufacture high value materials in commercial quantities and to the highest quality standards.



MANUFACTURED BY TEKNA ADVANCED MATERIALS INC.
AN ISO 9001:2008 CERTIFIED COMPANY.

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