



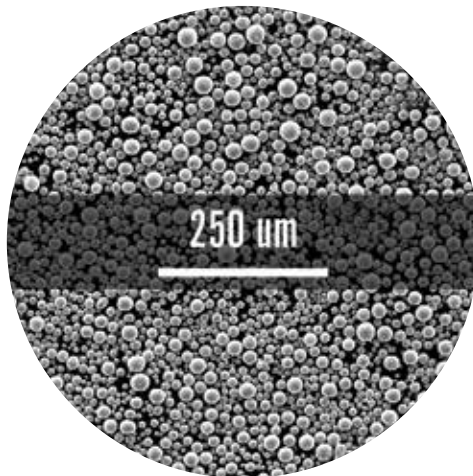
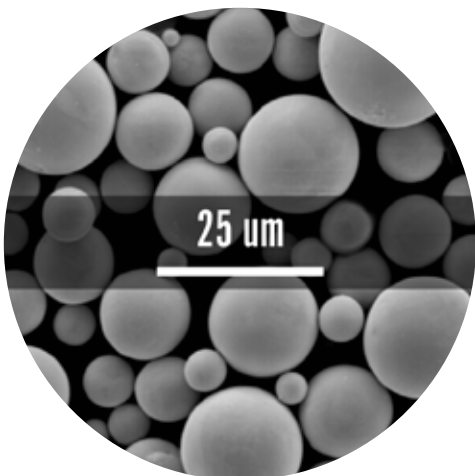
W-25

Spherical Tungsten Metal Powder

KEY FEATURES

- ▶ High density
- ▶ Excellent electrical conductivity
- ▶ High purity level
- ▶ Ultra low oxygen
- ▶ Highly spherical particles
- ▶ Excellent flowability

Our unique plasma atomization process produces a highly spherical Tungsten metal powder, which combines high density, and both good electrical and thermal conductivity. Our spherical Tungsten metal powder is the material of choice for the additive manufacturing of complex parts such as x-ray collimators. Our -25 +5 μ m Tungsten metal 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: 30157

Particle Size Distribution

Size (μm) +25 Typical Results: < 5% Max: 10%

Size (μm) -25 Typical Results: > 95% Min: 90%

Laser scattering (Microtrac) D10 Typical Results: > 10 μm Min: 5 μm

Chemistry

Tungsten > 99.9% (m.b.)

Oxygen < 250ppm

Density

Tap Density > 10 g/cm³

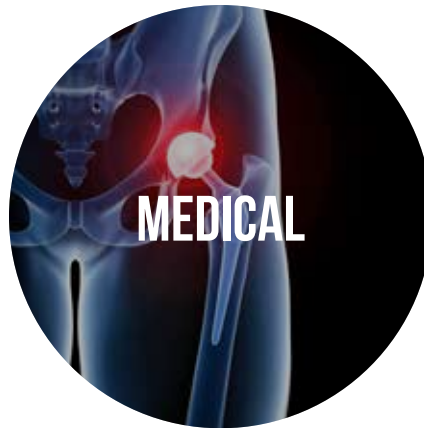
Morphology

Spherical Degree Typical Results: > 95% Min: 90%

INDUSTRIES



AEROSPACE



MEDICAL



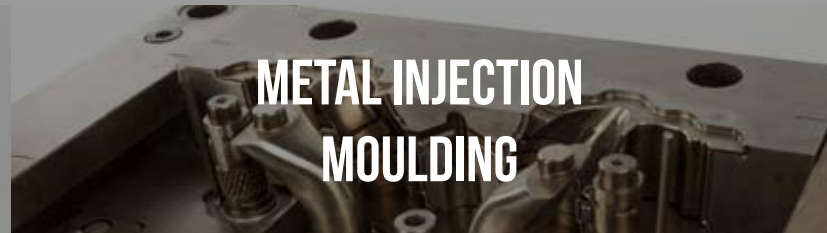
NUCLEAR

APPLICATIONS

ADDITIVE
MANUFACTURING



METAL INJECTION
MOULDING



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.

TEKNA

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

+1 819.820.7771, INFO@TEKNA.COM

WWW.TEKNA.COM