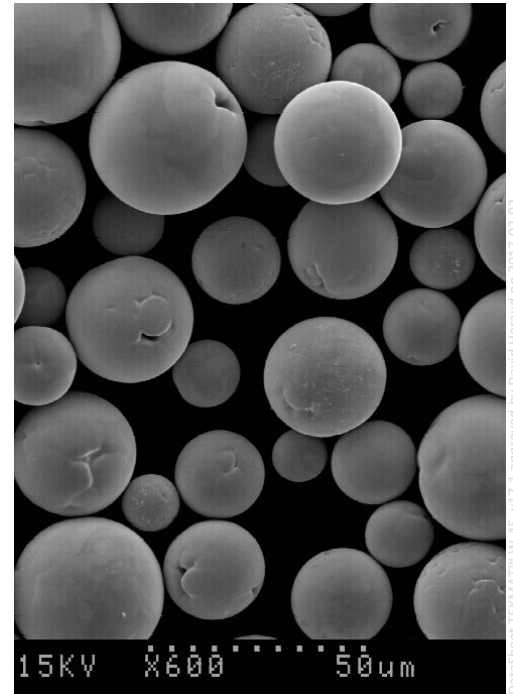


TEKMAT™ W-45

Spherical Tungsten Powder

- ▶ **Product # 30039**
- ▶ **Data Sheet no.: v30039-17-1**
- ▶ **Highly spherical particles**
- ▶ **Excellent flow-ability**
- ▶ **Purity: W > 99.9%**
- ▶ **Controlled size: -45+15µm**

When controlled flow and chemistry are required, **TEKMAT™ W-45** is well-known for its superior quality and uniformity.



Typical Properties

▶ Particle Size Distribution

- Sieve Analysis (ASTM B214) - wt%

Size (µm)	Min	Max	Typical Results
+ 45		5.0	< 3
-45	95.0		> 97

- Laser scattering (Microtrac) - µm

	Min	Max	Typical Results
D10	15		> 18

▶ Morphology

- Spherical Degree – nbr %

Min	Max	Typical Results
90		> 95

Note: including spheroidal particles.

▶ Chemistry

Tungsten:	> 99.9% (m.b.)
Oxygen:	< 250ppm

▶ Density

Tap Density:	> 10 g/cm ³
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▶ Flow

Hall Flow Test:	< 8 sec./50g
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