

## Technical Data Sheet

# Tungsten Metal Powder

**Product ID:** 7400PD001 - 7400PD004

**Formular:** W

**Molecular weight:** 183.85 g/mol

**CAS No.:** 7440-33-7

**EINECS No.:** 231-143-9

**Color:** Dark grey

**Description:** Our tungsten powder generally has a purity of 99.95%, and is available in irregular and spherical forms. Different particle sizes can be customized according to requirements. It features high purity, high melting point, and excellent sintering activity.

**Application:** Hard alloys, electronic devices and radiation shielding, etc.

**Product**

**Image:**



### 1. Sizes

Product ID	Formular	Particle Size	Shape
7400PD001	W (99.95%)	FSSS: 2-6 µm	Irregular
7400PD002	W (99.95%)	15-53 µm	Spherical
7400PD003	W (99.95%)	45-105 µm	Spherical
7400PD004	W (99.95%)	50-150 µm	Spherical
7400PDDZ	W (99.95%)	Customized	Irregular/Spherical

### 2. Chemical compositions

Element	Metal impurities (ppm)						
	Al	Si	Mg	Mn	Ni	Cu	Mo
Typical Value	≤ 50	≤ 50	≤ 40	≤ 40	≤ 50	≤ 20	≤ 100

*Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.*

### **3. Packaging**

Bottle/Bag.

Double vacuum packed.

Customized packaging available upon request.

### **4. Period of Validity**

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

### **5. Handling and Storage**

When using, Wear professional protective equipment to prevent dust inhalation and accumulation.

Stored in a cool, dry, airtight environment, away from fire and oxidizers.

### **Contact Us**

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