

## Technical Data Sheet

# Tungsten Pellets

<b>Product ID:</b>	7400PL001 / 7400PL002		
<b>Formular:</b>	W	<b>Molecular weight:</b>	183.85 g/mol
<b>CAS No.:</b>	7440-33-7	<b>EINECS No.:</b>	231-143-9
<b>Color:</b>	Gray		
<b>Description:</b>	Our tungsten pellets feature 99.95% purity and can be customized in various sizes according to customer requirements, offering advantages such as high purity, high melting point, and excellent thermal stability.		
<b>Application:</b>	Used in vacuum evaporation and thin-film deposition processes for Semiconductor Manufacturing, optical coatings, research laboratories, and advanced material development applications.		

**Product  
Image:**



### 1. Sizes

Product ID	Formular	Size
7400PL001	W (99.95%)	Ø 3 mm x 3 mm
7400PL002	W (99.95%)	Ø 6 mm x 6 mm
7400PLDZ	W (99.95%)	Customized

### 2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)					
	Fe	Si	Ni	Ca	Mo	Na
99.95%	≤ 60	≤ 30	≤ 20	≤ 30	≤ 50	≤ 20

*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.

Outer cardboard box or drum packaging.

Customized packaging is available.

### **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 clean gloves and operate with clean tools in a controlled environment to avoid contamination and ensure stable evaporation performance during vacuum processes.

Store in a dry, clean, vacuum-sealed or inert-gas environment to prevent oxidation, moisture absorption, and surface contamination.

### **Contact Us**

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