

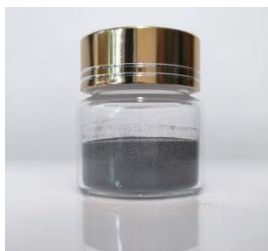
Technical Data Sheet

Tungsten Carbide-Cobalt Powder

Product ID: 74062700PD001**Formular:** WC/Co**Molecular weight:** /**CAS No.:** 12774-15-1**EINECS No.:** /**Color:** Gray/black

Description: Our tungsten carbide-cobalt thermal spray powder has spherical or near-spherical particles, offering good flowability and high fracture toughness, with a maximum operating temperature of 500°C.

Application: Mechanical components, oil and gas equipment, metallurgical rolls, pump sealing parts, etc.

Product**Image:**

1. Sizes

Product ID	Formular	Particle Size
74062700PD001	WC/Co	15-45 µm
74062700PDDZ	WC/Co	Customized

2. Chemical compositions

	Chemical Composition (wt%)					
Element	W	Co	Ct	Cf	Fe	O
Typical Value	Bal	11.0-13.0	5.20-5.70	≤0.10	≤0.50	≤0.10

3. Flow Rate(s/50g)

≤25

4. Apparent Density(g/cm³)

≥4.0

5. Packaging

Bottled/Bag.

Double vacuum packed.

6. Period of Validity

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

5. Handling and Storage

When using, wear protective equipment to avoid inhaling dust or skin contact, and operate in a dry, well-ventilated environment.

Store in a cool, dry, and sealed container to avoid moisture absorption and oxidation.

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