

# TUNGSTEN CARBIDE POWDER

Stock No: NS6130-05-589

WC



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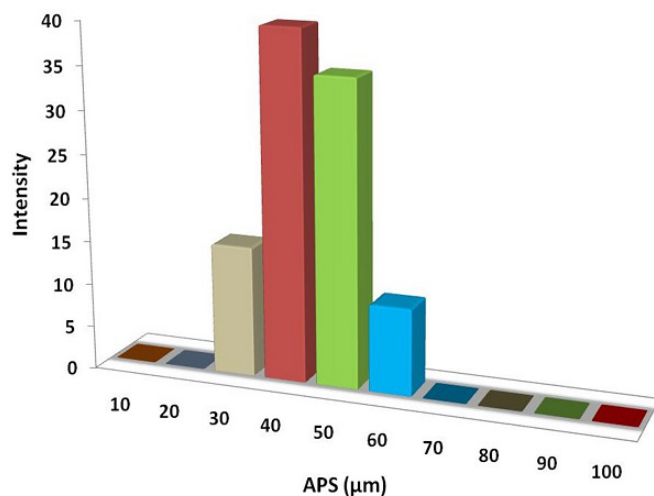
## Tungsten Carbide Powder

Recently, the booming of titanium carbides ceramics has greatly promoted the advancement of light-weight manufacturing, microwave absorption, electromagnetic protection technology, energy conversion, and catalyzed synthesis, etc

Tungsten Carbide (WC) is widely used as raw material for tool in several metal working process because of its excellent hardness. Tungsten carbide has attracted great interest to both engineers and academics for the sake of its excellent properties such as hard and wear-resistance, high melting point and chemically inert. It has been applied in numerous important industries including aerospace, oil and gas, automotive, semiconductor and marine as mining and cutting tools, mould and die, wear parts, etc.

### Quick Facts

|          |   |                         |
|----------|---|-------------------------|
| Product  | : | Tungsten Carbide Powder |
| Color    | : | Gray/black Powder       |
| Stock No | : | NS6130-05-589           |
| CAS      | : | 12070-12-1              |
| Purity   | : | 99%                     |
| APS      | : | 40-50µm                 |



## Technical Specification

| Molecular Formula | Molecular Weight | Density                | Melting Point |
|-------------------|------------------|------------------------|---------------|
| WC                | 195.85g/mol      | 15.6 g/cm <sub>3</sub> | 2800 °C       |

## Applications

- Surgical tools
- Aerospace, oil and gas, automotive
- Semiconductor and marine as mining and cutting tools
- Mould and die, wear parts

ISO 9001:2015  
CERTIFIED COMPANY



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