

**NS6130-02-217**

**TUNGSTEN CARBIDE**  
**COBALT**  
Nano Grained

**Quick Facts**

Product : Nano Grained TUNGSTEN CARBIDE COBALT  
Stock No : NS6130-02-217  
Form : Powder

**Purity**  
99.9%

**Technical Specification**

Stock No.	Purity	Form	APS
NS6130-02-217	99.9%	Powder	40-80nm

Tungsten carbide-cobalt (WC-Co) is a so-called hard metal which is characterised by an extraordinary hardness and wear resistance. Tungsten carbide-cobalt is an alloy of hard, ceramic tungsten carbide and the ductile cobalt, often known as cemented carbide. The material is a metal matrix composite, in which cobalt particles are ambedded in a tungsten carbide matrix. The tungsten carbide can form as WC or WC<sub>2</sub>, depending on synthesis conditions. Cobalt content varies from around 1% to 30% by weight, depending on application.

**APS 40-80nm**



Follow us:



| [www.nanoshel.com](http://www.nanoshel.com) | [sales@nanoshel.com](mailto:sales@nanoshel.com)



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015  
CERTIFIED COMPANY

**INTELLIGENT MATERIALS PVT LTD**  
Derabassi  
Punjab (140507)  
INDIA

+91 9779 550077, 9779238252

**NANOSHEL UK LIMITED**  
Chapel House,  
Chapel St Cheshire,  
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

**NANOSHEL LLC**  
3422 Old Capitol Suit  
1305 Wilmington DE - 19808  
United States

+1 646 470 4911