



TUNGSTEN

CARBIDE NANOPOWDER

Researchers compared the stability of the most commonly used carbides in electrochemical applications: tungsten carbides (WC) in electrolytic solutions by varying pH values, where WC exhibits the largest region of stability at a relatively lower pH value. It has been studied that tungsten carbide exhibits high catalytic activity in electro-catalysis and is a promising material for hydrogen evolution reactions and hydrogen oxidation reactions in electro-catalysis.



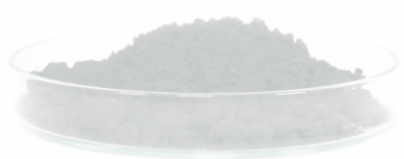
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APPLICATIONS

- ✓ Catalytic activity in electro-catalysis
- ✓ Dye-sensitized solar cells
- ✓ Industrial machinery
- ✓ Cutting tools
- ✓ Abrasives
- ✓ Aarmor-piercing rounds



SPECS

- ✓ Purity: 99.9%
- ✓ Molecular Weight: 195.85 g/mol
- ✓ Color: Black/Gray
- ✓ Density: 15.6 g/cm³
- ✓ Melting Point: 2785-2830 °C
- ✓ Boiling Point: 6000 °C

All types of particles size are available in micro and nano range.

CATALOGUE NO.
• NS6130-02-215



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