

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number 47258

Product **Tungsten carbide nanopowder (80 nm)**

CAS Number 12070-12-1

Molecular Formula WC

Molecular Weight 195.85

Appearance Grey black powder

Melting Point 2870 °C

Boiling point 6000 °C

Density Bulk density 3.2 g/cm³, True density 15.50 g/cm³

Mesh Size APS 80 nm, SSA 60 m²/g

Purity ≥ 99.95% (Trace metals basis)

Application Tungsten carbide nanopowder used in alloys, nanocomposites, abrasion-resistant, wear resistant, tools, corrosion-resistant coatings

Storage Store at RT

For Laboratory Use Only