

ZIRCONIUM CARBIDE Nanopowder

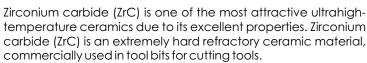
Quick Facts

Product Zirconium Carbide Nanopowder

Stock No NS6130-12-000382

CAS 12070-14-3 Form Powder **Purity** 99.9%

APS 80-100nm



- Carbide compounds are characterized by their hardness; hence can be used as drills and other tools that need to be abrasion resistant.
- Nanometer zirconium carbide can be used in nanostructured parts in metallurgical, chemical and aviation
- It finds application in the textile industry in making thermostat textiles in nylon, fiber and hard alloy.
- Composite materials that are used in the ceramic and metal matrix are also made from these nanoparticles.



Molecular Formula ZrC

Molecular Weight 103.235 g/mol 6.56 g/cm3 Density **Melting Point** 3400°C



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APS 80-100nm

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Zirconium Carbide Nanopo

Lead Time 2-3 Weeks, CAS: 12070-14







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