

SPECIFICATION

Tungsten Carbide

Parameters	Specification
CAS Number	12070-12-1
Appearance	Gray to steel-gray, hard ceramic powder with metallic luster
Molecular Weight	195.85 g/mol
Boiling Point	6000 °C
Melting Point	2870 °C
Flash Point	800 °C
Purity	98–99%
Refractive Index	2.35
Solubility	Insoluble in water; insoluble in common solvents; resistant to acids except hydrofluoric acid; reacts with HF
Uses	Abrasives, cutting tools, wear-resistant coatings, mining and drilling components

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