

NS6130-02-216

TUNGSTEN CARBIDE Nanoparticles

Quick Facts

Product	:	Tungsten Carbide Nanoparticles
Stock No	:	NS6130-02-216
CAS	:	12070-12-1
Molecular Formula	:	WC
Form	:	Powder

Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
195.85g/mol	15.6 g/cm ³	2785-2830°C	55nm

Tungsten carbide is often known as a hard metal owing to its high hardness compared to other ceramic powders. Tungsten carbide (chemical formula: WC) is a chemical compound containing equal parts of tungsten and carbon atoms. Tungsten Carbides have a wide range of application in many industry sectors such as metal machining, wear parts for mining and oil industries, metal forming tools, cutting tips for saw blades and have now expanded to include consumer items such as wedding rings and watch cases. tungsten carbide has been segmented into end-user, application and region. Based on end-user, the market has been segmented into automotive industry, aerospace and defense industry, mining and construction industry, oil & gas industry, electronic industry and others.

WC
APS 55nm



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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