

ZrC

ZIRCONIUM CARBIDE SPUTTERING TARGET

Zirconium carbide (ZrC) is one of the most attractive ultrahigh-temperature ceramics due to its excellent properties. Zirconium carbide has high surface activity, high temperature resistance, oxidation resistance, high hardness, good thermal conductivity, good toughness and other characteristics, is an important high-melting point, high strength and corrosion-resistant high temperature structural materials, and has high efficiency absorption of visible light, reflection Infrared and energy storage and other characteristics. This material serves as a coating on nuclear reactors due to the low neutron absorption of the material, as well as uses as abrasives, claddings, filaments, and cutting tools.

Quick Facts

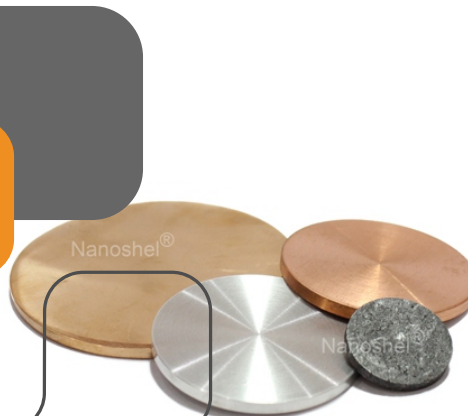
Product	:	Zirconium Carbide Sputtering Target
Stock No	:	NS6130-10-1075
CAS	:	12070-14-3
Backing Plate	:	(As per Customer requirement)

Additional Characteristics

Stock No.	Purity	Diameter	Thickness
NS6130-10-1075	99.99%	50.8 mm ± 1mm	3 mm ± 0.5mm

Technical Specification

Molecular Formula	Molecular Weight	Melting Point
ZrC	103.23g/mol	3532°C



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 High Purity
 SPUTTERING
 TARGET

TARGET