

NS6130-12-001969

Quick Facts

Product	:	MXene Zirconium Carbide
Stock No	:	NS6130-12-001969
CAS	:	12070-14-3
Molecular Formula	:	ZrC

MXene Zirconium Carbide

Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
103.23g/mol	6.73g/cm ³	3532°C	80-100nm

MXene zirconium carbide is a type of two-dimensional (2D) material that is composed of layers of zirconium carbide nanosheets. Zirconium carbide is a refractory ceramic material with a high melting point and excellent thermal and mechanical properties. MXene zirconium carbide inherits these properties, while also exhibiting unique electronic, optical, and magnetic properties due to its 2D structure and surface chemistry. MXene zirconium carbide has potential applications in a variety of fields, including energy storage, electrocatalysis, sensing, and biomedical applications.



ZrC
APS 80-100nm



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ISO 9001:2015
CERTIFIED COMPANY

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