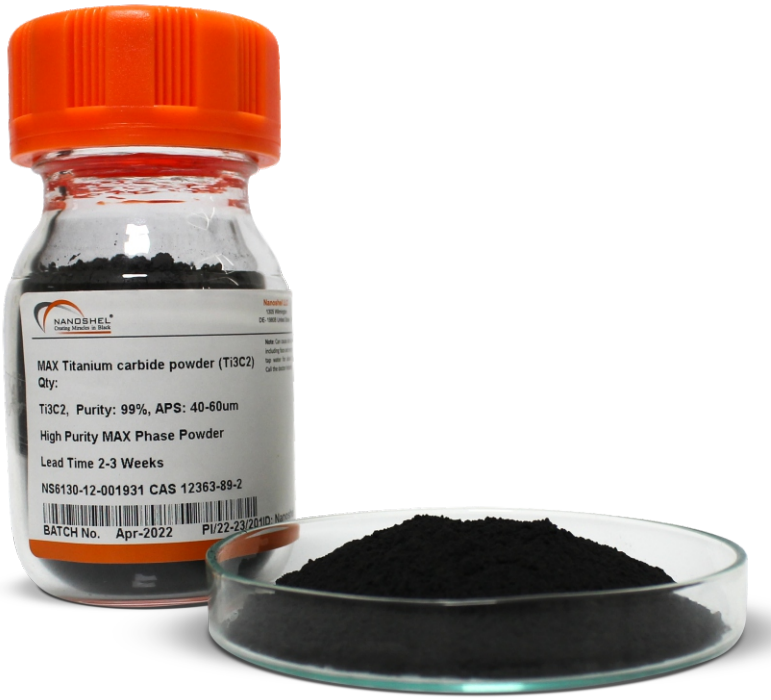
NANOSHEL
Creating Miracles in Black

MAX Phase



Titanium Carbide Powder

Catalogue no -

NS6130-12-001931

NEXT

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Titanium
Carbide Powder

MAX Phase

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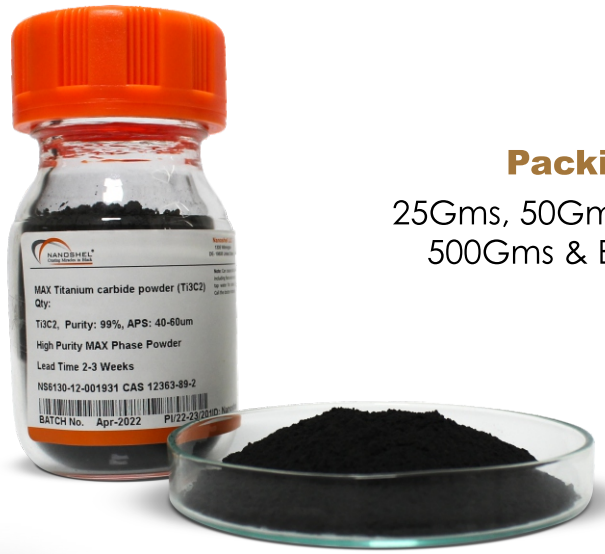
Metal-organic frameworks (MOFs) with adjustable structures and large surface areas are attracting ever-increasing attention in the field of next-generation energy storage. Metal–organic frameworks (MOFs) are porous solids with high surface areas, permanent porosities, good thermal and chemical stabilities, and customizable chemistry and functionality. Because of these excellent properties, MOFs have been studied in a large variety of fields, such as catalysis, luminescence science, medical applications, membrane technology, and gas storage, separation, and purification.

Quick Facts

Product	:	Titanium Carbide Powder
Stock No	:	NS6130-12-001931
CAS	:	12363-89-2
Form	:	Powder



Packing Sizes:

25Gms, 50Gms, 100Gms
500Gms & Bulk Orders

Properties:

- ✓ Large Surface Area
- ✓ High degree of crystallinity
- ✓ Low density
- ✓ Uniform channels
- ✓ Porosity
- ✓ High thermal stability
- ✓ Chemical tailor ability

Applications:

- ✓ Drug Delivery (e.g. slow release of target molecules)
- ✓ Water harvesting
- ✓ Removal of toxic and hazardous substances (e.g. chemical warfare agents)
- ✓ Heat transformation (e.g. adsorption heat pumps)
- ✓ Respiratory systems (e.g. gas masks)
- ✓ Water treatment (e.g. heavy metal removal)

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ISO 9001:2015
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