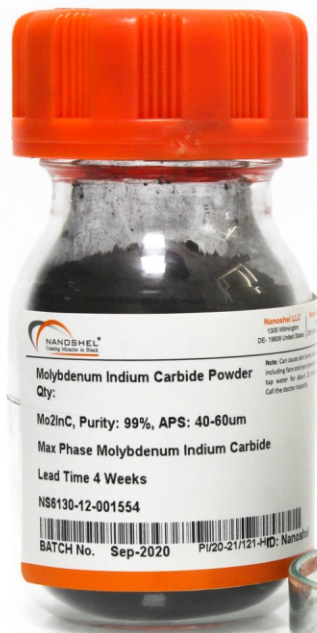


Mo_2InC | MAX Phase



Molybdenum Indium Carbide Powder

Catalogue no -

NS6130-12-001554

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NEXT

Molybdenum Indium Carbide Powder

Mo₂InC | MAX Phase
Catalogue no - NS6130-12-001554

Metal-organic frameworks (MOFs) are an emerging class of materials exhibiting high surface areas, controlled pore sizes, open metal sites and organic linkers. Utilizing MOFs as direct electrode materials for electrochemical sensing can offer inherent advantages such as containing a sensing element and a redox mediator in a single molecule; however, the direct use of MOFs as electrode materials is hindered because of their insulating nature and less stability in an aqueous medium.

Quick Facts

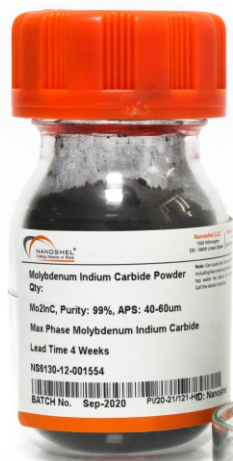
Product	:	Molybdenum Indium Carbide Powder
Stock No	:	NS6130-12-001554
Molecular Formula	:	Mo ₂ InC
Molecular Weight	:	318.74g/mol
Form	:	Powder
APS	:	40-60µm

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)



Packing Sizes:

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



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



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