

Molybdenum Trioxide Powder







NS6130-05-531

APS
40-50 μ m



Follow us:

    | www.nanoshel.com | sales@nanoshel.com

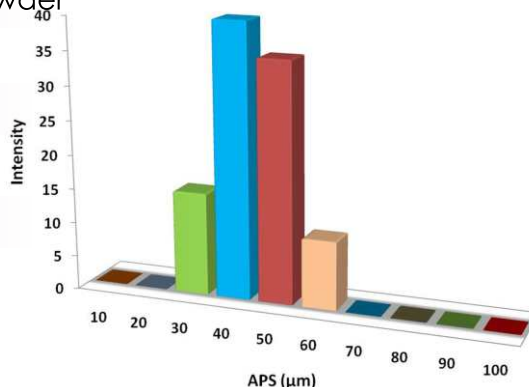
Molybdenum Trioxide Powder

Molybdenum trioxide is a chemical compound with the formula of MoO₃ and it is an intermediate in the fabrication of molybdenum metal and it is also an indispensable industrial catalyst. Molybdenum trioxide occurs as the rare mineral molybdenite and it is employed to manufacture molybdenum metal, which serves as an additive to steel and corrosion-resistant alloys. Molybdenum is a remarkable catalyst in the refining of petroleum. It acts as a filament material in electronic and electrical applications. Molybdenum is a crucial trace element in plant nutrition

It is also a component of the co-catalyst utilized in the industrial production of acrylonitrile by the oxidation of propene and ammonia. Because of its layered structure and MoO₃ is of interest in electrochemical devices and displays. Molybdenum trioxide has also been considered as a potential anti-microbial agent, for instance in polymers. In contact with water, it forms H⁺ ions that can kill bacteria effectively.

Quick Facts

Product	:	Molybdenum Trioxide Powder
Stock No	:	NS6130-05-531
CAS	:	1313-27-5
Purity	:	99%
Color	:	Yellow or Light Blue
Form	:	Powder



Technical Specification

Formula	APS	Molecular Weight	Melting Point
MoO ₃	40-50μm	143.95 g/mol	795 °C

Chemical Composition

Product	Weight Percent (nominal)	
	MoO ₃	Other Metal
Molybdenum Trioxide Powder	99%	

Applications

- Steel and corrosion-resistant alloys
- Electrochemical devices and displays
- Circuit inks for circuit boards

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 1782 454 144, +44 74 105 48802

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911

ISO 9001:2015
CERTIFIED COMPANY



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

