



Barium

MOLYBDATE POWDER

In the current study, barium molybdate ($BaMoO_4$) were synthesized via a large scale. The study of the photoluminescent properties affected by order and disorder of the $BaMoO_4$ powders is the principal objective in this work. $BaMoO_4$ (BMO) with a scheelite structure is an important material for applications in the industry due to its production of green luminescence and their approved usage as scintillating materials. This compound has several applications, including solid-state lasers and optical fibers, being recently attracted great attention.

Quick FACTS

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|------------|---------------------------|---------------|-----------------|
| ✓ Product | : Barium Molybdate Powder | ✓ Purity | : 99.8% |
| ✓ Color | : White Powder | ✓ APS | : 40-50 μ m |
| ✓ Stock No | : NS6130-12-000238 | ✓ Other Metal | : 1500ppm |
| ✓ CAS | : 7787-37-3 | | |



CE ISO 9001:2015
CERTIFIED COMPANY

ISO: 13485:2016/20ZICE4588M
CE: 20ZICE4589C

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Barium

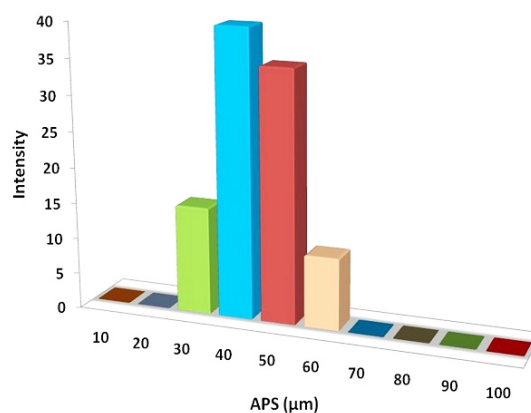
MOLYBDATE POWDER

Applications

- ✓ Optical fibers
- ✓ Green luminescence
- ✓ Scintillating materials

Packing Sizes Available

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



Technical SPECIFICATION

Molecular Formula	Molecular Weight	Density	Melting Point
BaMoO ₄	297.26 g/mol	4.56 g/cm ³	1600 °C

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