

Lithium

MANGANESE OXIDE POWDER

Lithium Manganese Oxide (LiMn_2O_4) Spinel Cathode has the chemical formula of LiMn_2O_4 . It has a spinel structure. In addition to containing inexpensive materials, the three-dimensional structure of LiMn_2O_4 lends itself to high rate capability by providing well connected framework for the insertion and de-insertion of Li^+ ions during discharge and charge of the battery. Because of this structural arrangement, lithium ion batteries based on LiMn_2O_4 cathodes have demonstrated a higher rate-capability compared to materials with two-dimensional frameworks for Li^+ diffusion.

Quick FACTS

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|------------|----------------------------------|---------------|-----------------------|
| ✓ Product | : Lithium Manganese Oxide Powder | ✓ Purity | : 99% |
| ✓ Color | : Black Powder | ✓ APS | : 40-50 μm |
| ✓ Stock No | : NS6130-05-540 | ✓ Other Metal | : 8500ppm |
| ✓ CAS | : 12057-17-9 | | |



CE ISO 9001:2015
CERTIFIED COMPANY

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

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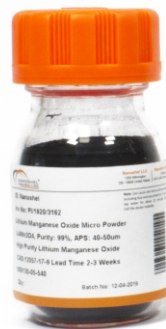
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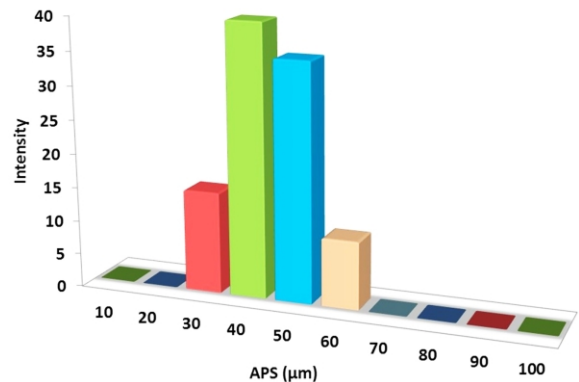
Applications

- ✓ camcorders
- ✓ Digital still cameras
- ✓ OA machines (fax, copies, printers)
- ✓ Medical instruments, cash registers
- ✓ Batteries for electrical energy storage



Packing Sizes Available

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



Technical SPECIFICATION

Molecular Formula	Molecular Weight	Density	Melting Point
LiMn2O4	180.81g/mol	4.1g/cm ³	400 °C

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