

Magnesium Oxide Nano Particle



Magnesium oxide (MgO) nano particles are manufactured with multi-points of quality checks.



APS: <100 nm

AD-MgO

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PRODUCT FEATURES

MgO

Purity: >99%

Advantages

- ▶ Magnesium oxide nanoparticles are non-toxic.
- ▶ They possess high hardness, high purity.
- ▶ It has good antibacterial property.
- ▶ Anti Corrosive Properties.
- ▶ High Thermal Properties
- ▶ Electrical insulator and Fire Retardancy.

Applications

Paint and Coatings

Polymer nano composite

Automotive Industries

Ceramics

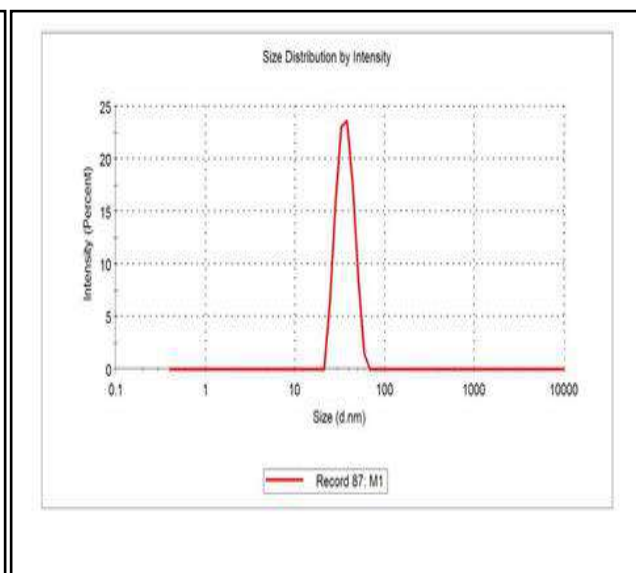
Oil & Gas

Cosmetics

TECHNICAL DATA SHEET

SPECIFICATION

AD-MgO	DESCRIPTION
PURITY	>99%
AVERAGE PARTICLE SIZE	<100 nm
PHYSICAL FORM	POWDER
SSA	~110-130 m ² /g
BULK DENSITY	1.07 g/cm ³
CAS NO	1309-48-4
MORPHOLOGY OF NANO PARTICLE	NEAR SPHERICAL
COLOUR	WHITE



DISCLAIMER

The values are typical and are for very general guidance and must not be used as a basis for specifications as concrete. Information contained in this publication, and otherwise supplied to users, is based on our general experience and is given in good faith, but we are unable to accept responsibility in respect of factors which are outside our knowledge or control. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. Please refer to MSDS of respective product for safe use.