

## NanoScale NanoActive® Magnesium Oxide

Category : Ceramic , Oxide , Magnesium Oxide

### Material Notes:

NanoActive MgO is produced using proprietary processes to obtain high specific surface area, small crystallite size material possessing high chemical reactivity, particularly at elevated temperatures. Applications: Applications include destruction of chemical warfare agents, destructive adsorption of acid gases and polar organic molecules, fertilizers, nanocomposites, phosphor particle protection layer, precursor for other magnesium chemicals, remediation of toxic waste, sintering aid, and waste water treatment. Information provided by NanoScaleComposition based on metal

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NanoScale-NanoActive-Magnesium-Oxide.php](http://www.lookpolymers.com/polymer_NanoScale-NanoActive-Magnesium-Oxide.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.600 g/cc	0.0217 lb/in <sup>3</sup>	
Density	3.20 g/cc	0.116 lb/in <sup>3</sup>	
Loss On Ignition	<= 8.0 %	<= 8.0 %	
Particle Size	3.3 µm	3.3 µm	mean aggregate size
Specific Surface Area	>= 230 m <sup>2</sup> /g	>= 230 m <sup>2</sup> /g	BET
Pore Size	0.00500 microns	0.000197 mil	Average Diameter

Component Elements Properties	Metric	English	Comments
Magnesium, Mg	>= 95 %	>= 95 %	

Processing Properties	Metric	English	Comments
Moisture Content	<= 1.0 %	<= 1.0 %	

Descriptive Properties	Value	Comments
Appearance / Color	White Powder	
Crystallite Size	= 8 nm	
Minimum Total Pore Volume cc/g	0.2	

## Contact Songhan Plastic Technology Co.,Ltd.

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