

NanoScale NanoActive® Magnesium Oxide Plus

Category : Ceramic , Oxide , Magnesium Oxide

Material Notes:

NanoActive MgO is produced using proprietary processes to obtain very high specific surface area (over 600 m²/g), small crystallite size, high porosity material possessing high chemical reactivity at room and elevated temperatures. Applications: Applications include antimicrobial, catalysts and catalyst supports, destruction of chemical warfare agents, destruction adsorption of acid gases and polar organic molecules, nanocomposites, phosphor particle protecting layer (in plasma display), precursor for other magnesium chemicals, remediation of toxic waste, sintering aid, smoke removal, 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-Plus.php

Physical Properties	Metric	English	Comments
Bulk Density	0.400 g/cc	0.0145 lb/in ³	
Density	3.60 g/cc	0.130 lb/in ³	
Loss On Ignition	<= 15 %	<= 15 %	
Particle Size	12 µm	12 µm	mean aggregate size
Specific Surface Area	>= 600 m ² /g	>= 600 m ² /g	BET
Pore Size	0.00300 microns	0.000118 mil	Average Diameter

Component Elements Properties	Metric	English	Comments
Magnesium, Mg	>= 99.6 %	>= 99.6 %	

Processing Properties	Metric	English	Comments
Moisture Content	<= 3.0 %	<= 3.0 %	

Descriptive Properties	Value	Comments
Appearance / Color	White Powder	
Crystallite Size	= 4 nm	
Minimum Total Pore Volume cc/g	0.4	

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