



ECO2 99+ SYNTHETIC CCM (Medium to Hard Burned Magnesium Oxide)



DESCRIPTION	<p>ECO2 99+ synthetic CCM is a fine white powder produced from serpentine tailings using patented ECO2 technology. Ultrapure MgO content; low bulk density; totally exempted of Boron; available in Medium burned to Hard burned grade.</p> <p>Produced with revolutionary CO2 captation technology for lowest emission footprint in the marketplace allowing downstream customers to significantly reduce their carbon footprint..</p>		
USES	<p>ECO2 99+ CCM matches a wide range of speciality applications within the industrial sector such as HP FM electrical, Mg metal, Mg chemicals, ceramics, cements, pharmaceuticals, UHP MgO. It is also suitable to be converted into Mg(OH)₂.</p>		
CHEMICAL COMPOSITION		Typical	Specification
	Magnesium Oxide (MgO), %	98.75	98.3 min.
	Calcium Oxide (CaO), %	0.55	0.7 max.
	Silicon Oxide (SiO ₂), %	0.48	0.6 max.
	Iron Oxide (Fe ₂ O ₃), %	0.05	0.25 max.
	Aluminum Oxide (Al ₂ O ₃), %	0.05	0.25 max.
	Chloride (Cl-), ppm	<20	
	Sulfate (SO ₄), %	<0.05	
PHYSICAL PROPERTIES		Typical	Specification
	Loose Bulk Density, g/cm ³	0.194 – 0.214	
	Median Particle Size, microns	10 – 12	
		Medium Burned (Typical)	Hard burned (Typical)
	Loss On Ignition (LOI), %	2 – 3	1 – 2
	Surface Area (BET), m ² /g (citric acid)	20 – 30	8 – 10
	Activity Index (BAT), seconds	40 – 60	70 – 100
PACKAGING	<p>ECO2 Magnesia offers a variety of packaging options, including bulk (truck and railcar), bags, and bulk sacks. Please contact a sales representative for information.</p>		
STORAGE	<p>Keep away from moisture. Store in a dry place to avoid caking.</p>		

Notice: the information contained herein is, to the best of our knowledge and belief, accurate. Any recommendations or suggestions made are without warranty or guarantee of results since conditions of handling and of use are beyond our control; we therefore, assume no liability for loss or damage incurred by following these suggestions. Seller warrants only that this product will meet the specifications set forth. Any other representation or warranty, either express or implied, is specifically disclaimed including warranties of fitness for a particular purpose and of merchantability. Sellers and manufacturers only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for users intended application and user assumes all risk and liability whatsoever in connection therewith. Neither seller nor manufacturer shall be liable in tort, contract or under any theory for any loss or damage, incidental or consequential, arising out of the use of or the inability to use the product.

ECO2 Magnesia | www.eco2magnesia.ca

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