



# ECO2 99+ SYNTHETIC DBM (Sintered Magnesia)



<b>DESCRIPTION</b>	ECO2 99+ synthetic DBM is produced from serpentine tailings using patented ECO2 technology. <b>Ultrapure MgO content; Highest bulk density; Totally exempted of boron.</b> Produced with revolutionary CO2 captation technology for lowest emission footprint in the marketplace allowing downstream customers to significantly reduce their carbon footprint.		
<b>USES</b>	For production of high-quality refractory bricks; provides the highest resistance against temperature and corrosion available on the market.		
<b>CHEMICAL COMPOSITION</b>  *Our process makes it possible to adjust the content of this parameter to address customer needs		<b>Typical</b>	<b>Specification</b>
	Magnesium Oxide (MgO), %	98.75	98.3 min.
	*Calcium Oxide (CaO), %	0.55	0.7 max.
	*Silicon Oxide (SiO <sub>2</sub> ), %	0.48	0.6 max.
	*Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ), %	0.05	0.25 max.
	Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> ), %	0.05	0.25 max.
	Boron Oxide (B <sub>2</sub> O <sub>3</sub> ), ppm	No Boron	
	Chromium Oxide (Cr <sub>2</sub> O <sub>3</sub> ), %	0.04	
	*CaO:SiO <sub>2</sub> Ratio, wt.	1.15	
<b>PHYSICAL PROPERTIES</b>		<b>Typical</b>	<b>Specification</b>
	Loss On Ignition (LOI), %		0.30 max.
	Bulk Density, (parafin, water method), g/cm <sup>3</sup>	3.49	
	Bulk Density, (mercury method), g/cm <sup>3</sup>	3.50	
<b>PACKAGING</b>	Run-of-kiln briquettes; ECO2 Magnesia offers a variety of packaging options, including bulk (truck and railcar), bags, and bulk sacks. Please contact a sales representative for information.		
<b>STORAGE</b>	Keep away from moisture. Store in a dry place.		

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**ECO2 Magnesia** | [www.eco2magnesia.ca](http://www.eco2magnesia.ca)  
 Kathleen Verret, ing., **ECO2 Project Director**  
 Phone: 418-271-5581 E-mail: [kv@eco2magnesia.ca](mailto:kv@eco2magnesia.ca)