



MagChem® 20 SC

Specialty Magnesium Oxide

DESCRIPTION	MagChem 20 SC is a medium reactive magnesium oxide powder formulated for applications requiring maximum consistency in chemical, physical properties, and reactivity.																						
USES	MagChem 20 SC is used in manufacturing grain oriented steel for high performance electrical transformers, specialty ceramics, and coatings.																						
COMPOSITION (TYPICAL)	<table><thead><tr><th></th><th><u>Specifications</u></th></tr></thead><tbody><tr><td>Magnesium Oxide (MgO), %</td><td>98.00 min.</td></tr><tr><td>Calcium Oxide (CaO), %</td><td>0.60 max.</td></tr><tr><td>Silicon Dioxide (SiO₂), %</td><td>0.50 max.</td></tr><tr><td>Iron Oxide (Fe₂O₃), %</td><td>0.30 max.</td></tr><tr><td>Aluminum Oxide (Al₂O₃), %</td><td>0.20 max.</td></tr><tr><td>Chloride (Cl), %</td><td>0.03 max.</td></tr><tr><td>Sulfate (SO₄), %</td><td>0.50 max.</td></tr><tr><td>Sodium (Na), %</td><td>0.02 max.</td></tr><tr><td>Fluoride (F), %</td><td>0.03 max.</td></tr><tr><td>Boron (B), ppm</td><td>500 - 900</td></tr></tbody></table>		<u>Specifications</u>	Magnesium Oxide (MgO), %	98.00 min.	Calcium Oxide (CaO), %	0.60 max.	Silicon Dioxide (SiO ₂), %	0.50 max.	Iron Oxide (Fe ₂ O ₃), %	0.30 max.	Aluminum Oxide (Al ₂ O ₃), %	0.20 max.	Chloride (Cl), %	0.03 max.	Sulfate (SO ₄), %	0.50 max.	Sodium (Na), %	0.02 max.	Fluoride (F), %	0.03 max.	Boron (B), ppm	500 - 900
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PACKAGING	Martin Marietta Magnesia Specialties packages these products in 50 pound bags. Please contact a sales representative for information on detailed packaging offerings and specifications.																						
STORAGE	Store in a dry place. Exposure to moisture may cause caking.																						

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