

# III ELASTOMAG® 100

## Elastomag® 100 High Surface Area Specialty Grade Magnesium Oxide

DESCRIPTION	Elastomag 100 magnesium oxide is a high activity grade of magnesium oxide with lower activity than standard Elastomag 170. Elastomag 100 is made from magnesium-rich brine and dolomitic lime at our Manistee, Michigan plant.		
USES	Elastomag 100 is used as a scorch retarder in a variety of elastomers and adhesives, as a thickening agent in sheet and bulk molding compounds, and an acid acceptor in halogenated polymers. Elastomag 100 can also be used as an anti-caking agent.		
PROPERTIES		<u>Typical</u>	<u>Specification</u>
	Assay, % MgO	98.2	96.0 min
	Loss on Ignition, %	4.8	8.5 max
	CaO, %	0.85	1.5 max
	Chloride (Cl), %	0.41	0.5 max
	MAI, %	149.3	120.0 – 160.0
	% Passing 325 mesh	99.9	99.5 min
PACKAGING	Martin Marietta Magnesia Specialties packages this product in 50 pound bags, and a variety of special weights. Please contact a sales representative for information on detailed packaging offerings and specifications.		
STORAGE	Elastomag 100 will readily absorb moisture and carbon dioxide if left exposed to air. Store in a dry location. Reseal opened bags.		

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