Elastomag® 170 FE
High Surface Area
Specialty Grade
Magnesium Oxide

**DESCRIPTION**
Elastomag 170 FE magnesium oxide is a high activity grade of magnesium oxide with lower activity than standard Elastomag 170. Elastomag 170 FE is made from magnesium-rich brine and dolomitic lime at our Manistee, Michigan plant.

**USES**
Elastomag 170 FE magnesium oxide is used as an acid acceptor in specialty elastomers and fluoroelastomers.

**PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Lower Specification</th>
<th>Upper Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assay, % MgO</td>
<td>96.0</td>
<td>or greater</td>
</tr>
<tr>
<td>Loss on Ignition, %</td>
<td>3.5</td>
<td>5.5</td>
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<tr>
<td>CaO, %</td>
<td>less than</td>
<td>1.5</td>
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<tr>
<td>Chloride (Cl), %</td>
<td>less than</td>
<td>0.5</td>
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<tr>
<td>MAI, %</td>
<td>140.0</td>
<td>175.0</td>
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<tr>
<td>% Passing 325 mesh</td>
<td>99.5</td>
<td>or greater</td>
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</table>

**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 170 FE will readily absorb moisture and carbon dioxide if left exposed to air. Store in a dry location. Reseal opened bags.

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**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.

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