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## MAGNESIA PRODUCTS

### ELASTOMAG<sup>®</sup> 170 FE

**PRODUCT DESCRIPTION:**

Elastomag 170 FE Magnesium Oxide is a powdered oxide with a more uniform particle size distribution than other Elastomag products. By controlling the particle size distribution, allows the product to have a reduced LOI and more controlled surface activity. As an acid acceptor, this makes Elastomag 170 FE a more uniform product and a better alternative in specialty elastomers like FKM.

**TYPICAL PROPERTIES:**

Surface Area (BET), m <sup>2</sup> /g.....	128 - 156
Morton Activity Index (MAI), mg/g .....	140 - 175
Assay, Volatile Free Basis, as MgO, %.....	> 96
Chlorine, as Cl, %.....	< 0.5
Calcium, as CaO, %.....	< 1.5
Loss on Ignition (LOI), % .....	3.5 – 5.5
Bulk Density, Aerated, lbs/ft <sup>3</sup> .....	24
Specific Gravity, Crystal .....	3.15
Through 325 mesh screen, %.....	> 99.5

**STORAGE:**

Protect from air and moisture. Keep opened bags tightly closed between each use. Shelf life is 12 months when stored under the controlled conditions stated above.

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