

## TECHNICAL INFORMATION

### WESTCO HSA-10

#### SPECIALTY GRADE MAGNESIUM OXIDE

**DESCRIPTION:** Westco HSA-10 is a low cost, micronized, high reactive grade of magnesium oxide made from magnesium chloride brine and dolomitic lime.

**USES:** Westco HSA-10 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. Westco HSA-10 can be used in the manufacture of magnesium chemicals.

<b>PROPERTIES:</b>	<b><u>TYPICAL</u></b>	<b><u>SPECIFICATIONS</u></b>
Magnesium Oxide (MgO), % Ignited Basis	98.5	97.0 min.
Loss on Ignition, %	5.5	7.0 max.
Surface Area, m <sup>2</sup> /g	160	140 – 180
Median particle size, microns	0.85	1.0 max
Sedigraph Particle Size, Microns		
d <sub>90</sub>	5.5	
d <sub>50</sub>	1.0	
% Passing 100 Mesh	99.9	
% Passing 325 Mesh	99.0	99.0 min.
Loose Bulk Density, g/cc	0.33	

#### **PACKAGING:**

Packaged in 50- and 55- lb. multiwalled, moisture-resistant bags.

#### **STORAGE:**

Westco HSA10 will readily absorb moisture and carbon dioxide if left exposed to air. Store in a dry location. Reseal opened bags.

**9/03**