



300 Barr Harbor Drive
Suite 250
W. Conshohocken, PA 19428
Tel: (610) 828-6929 • (800) 227-4287

Product Data MAGOX® Sugar Grade

The most economical, high quality chemical grade of magnesium oxide (MgO) used for neutralizing raw cane and beet sugar juice. It is produced from selectively mined Nevada magnesite, calcined to a moderately high reactivity, and ground extremely fine to provide rapid neutralization during the "liming" operation. Magnesium oxide minimizes scale formation in juice heaters, evaporators, juice lines and other equipment in the boiling house. Evaporation rate is maintained which increases production. Cleaning time is reduced and cleaning costs are considerably lower when MAGOX Sugar Grade is substituted in part or completely in place of lime.

CHEMICAL ANALYSIS			
	Typical	Maximum	Minimum
(As-Is Basis)			
LOI (1000°C)	2.7	5.4	
(Loss-Free Basis)			
MgO	93.7		92.0
Insolubles (SiO ₂)	2.0		
CaO	3.4		
R ₂ O ₃	0.9		
PHYSICAL PROPERTIES			
Reactivity, minutes (TP-52)	6	7	5
BULK DENSITY (lb/ft³):			
Loose	40		
Tapped	58		
SCREEN ANALYSIS, wt% (U.S.A. Series)			
+100 mesh		0.0	
- 400 mesh	93.0		91.0

PACKAGING AND STORAGE:

Available in bulk or multiwall polyethylene lined 50 pound bags. Because magnesium oxide is hygroscopic, it should be protected from the atmosphere. Material should be used within six months.

MC-FPS-622
MAS: 1/15/99

MAGOX is a registered trademark of Premier Chemicals, LLC
Visit our Web Site <http://www.premierchemicals.com>