

MG 601 - 602
Magnesium Oxide, light / heavy

MG 601 / 602	
Formula	MgO
Purity	99.9
Particle size	1–5-micron aps

Chemistry			
Elements	Specification	Elements	Specification
Free alkali	2.0 ml max	Soluble salts	2.0 max
Acid insoluble	0.1 max	Calcium	1.1 max
Fe	500 ppm max	Loss on Ignition	5.0 max
Chlorides	0.10 max	Sulphates	0.75 max
Lead	0.5 ppm max	Arsenic	1.5 ppm max

1–5-micron APS		
Catalog number	Bulk density	Tapped density
MG 601 (light)	0.12 – 0.33 g/cc	0.12 – 0.33 g/cc
MG 602 (heavy)	0.25 – 0.65 g/cc	0.25 – 0.65 g/cc



MG 601 and MG 602 are made for use in the manufacture of antacid preparation and mineral supplements, and in the production of pharmaceutical grade magnesium derivatives. They both meet the chemical requirements of the U.S. Pharmacopoeia (37th Edition) - NF 32 for magnesium oxide. Additional uses for MgO powder are in heating elements, crucibles, fireproofing, and as a protective coating for plasma displays.