



Great Lakes Calcium  
Custom Minerals. Solid Partnerships.

# GLC-1013

f/k/a GLC-13

(800) 236-7737

GLC-1013 is a fine ground calcium carbonate with a controlled range of coarse and fine particles. This type of product has general industrial uses in coarse wall coatings, block fillers, fiberglass and carpet backing compounds. GLC-1013 is a general purpose filler where a coarse product is desired. The industrial applications for GLC-1013 are numerous.

### TYPICAL PHYSICAL CHARACTERISTICS

Median Particle Size: Microns.....	
Weight % passing a 325 mesh screen...	89
Dry Brightness: Hunter D-25.....	87
Oil Absorption.....	10
PH: 5% Slurry.....	9.5
Apparent Dry Bulk Density:	
Loose: lbs/ft <sup>3</sup> .....	100
Compacted: lbs/ft <sup>3</sup> .....	86

### TYPICAL CHEMICAL ANALYSIS (WT. %)

Moisture.....	0.2 max
Calcium Carbonate – CaCO <sub>3</sub> .....	96.0
Magnesium Carbonate – MgCO <sub>3</sub> .....	2.0
Aluminum Oxide – Al <sub>2</sub> O <sub>3</sub> .....	0.2
Iron Oxide – Fe <sub>2</sub> O <sub>3</sub> .....	0.1
Silicon Dioxide – SiO <sub>2</sub> .....	1.4
Manganese Oxide – MnO.....	0.001

### PHYSICAL PROPERTIES OF NATURAL CaCO<sub>3</sub>

Specific Gravity.....	2.73
Density: lbs/ft <sup>3</sup> .....	145
Wt. Per Solid Gallon.....	22.57
Bulking Value.....	0.0443 gals/lb
Index of Refraction: Mean.....	1.59
Hardness: Mohs.....	2.5

### TYPICAL PARTICLE SIZE DISTRIBUTION

Shown as percent retained

U.S. MESH SCREEN	% RETAINED
60	0
80	0.05
100	4
200	12
Pan	84

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