



Great Lakes Calcium
Custom Minerals. Solid Partnerships.

GLC-1003

F/k/a GLC-3

(800) 236-7737

GLC-1003 is a fine ground, 3 micron, calcium carbonate with excellent particle size uniformity. GLC-1003 is precisely manufactured to control the minimum as well as the maximum particle sizes to insure consistent performance in the manufacture of a wide variety of finished products. GLC-1003 is ideally suited for a number of products such as PVC compounds, filled polyolefins, rubber compounds, paints and coatings, as well as adhesives, caulks and sealants. GLC-1003 is designed to have excellent dispersion properties as well as low water demand in aqueous systems. The industrial applications for this product are numerous.

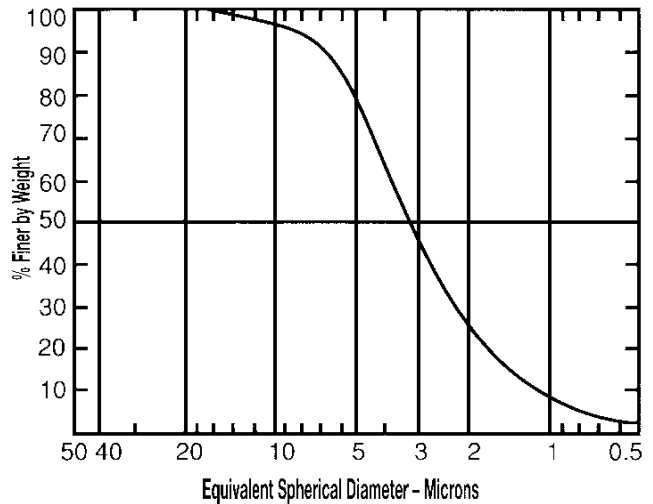
TYPICAL PHYSICAL CHARACTERISTICS

Median Particle Size: Microns.....	3.2
Weight % passing a 325 mesh screen.....	100
Dry Brightness: Hunter D-25.....	91
Oil Absorption.....	15
PH: 5% Slurry.....	9.5
Apparent Dry Bulk Density:	
Loose: lbs/ft ³	43
Compacted: lbs/ft ³	57

TYPICAL CHEMICAL ANALYSIS (WT. %)

Moisture.....	0.2 max
Calcium Carbonate – CaCO ₃	96
Magnesium Carbonate – MgCO ₃	2
Aluminum Oxide – Al ₂ O ₃	0.25
Iron Oxide – Fe ₂ O ₃	0.13
Silicon Dioxide – SiO ₂	1.4
Manganese Oxide – MnO.....	0.001

TYPICAL PARTICLE SIZE DISTRIBUTION



PHYSICAL PROPERTIES OF NATURAL CaCO₃

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

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Form: O-95 R-1