



Great Lakes Calcium
Custom Minerals. Solid Partnerships.

GLC-1012

f/k/a GLC-12

(800) 236-7737

GLC-1012 is a fine ground, 12-micron, calcium carbonate extender ideally suited for a broad range of end use products. Applications for this product include, but are not limited to, paints and coatings, plastisols, caulks, adhesives and mastics. Other uses include fiberglass reinforced polyester compounds, acrylic and silicone based sealants, and filled polyolefin compounds for flooring, cove base, and various other building products.

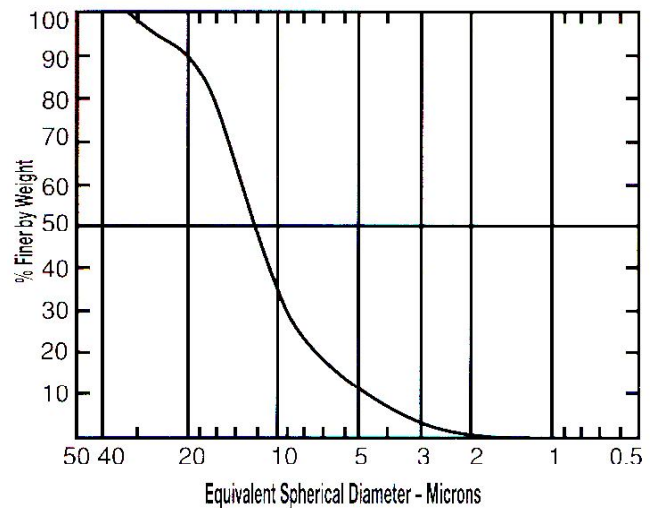
TYPICAL PHYSICAL CHARACTERISTICS

Median Particle Size: Microns.....	12
Weight % passing a 325 mesh screen...	99.9
Dry Brightness: Hunter D-25.....	89
Oil Absorption.....	10
PH: 5% Slurry.....	9.5
Apparent Dry Bulk Density:	
Loose: lbs/ft ³	60
Compacted: lbs/ft ³	72

TYPICAL CHEMICAL ANALYSIS (WT. %)

Moisture.....	0.2 max
Calcium Carbonate – CaCO ₃	96.0
Magnesium Carbonate – MgCO ₃	2.0
Aluminum Oxide – Al ₂ O ₃	0.2
Iron Oxide – Fe ₂ O ₃	0.1
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: 0-97