



Great Lakes Calcium  
Custom Minerals. Solid Partnerships.

# GLC-1012d

f/k/a Envirocal

(800) 236-7737

GLC-1012d 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.

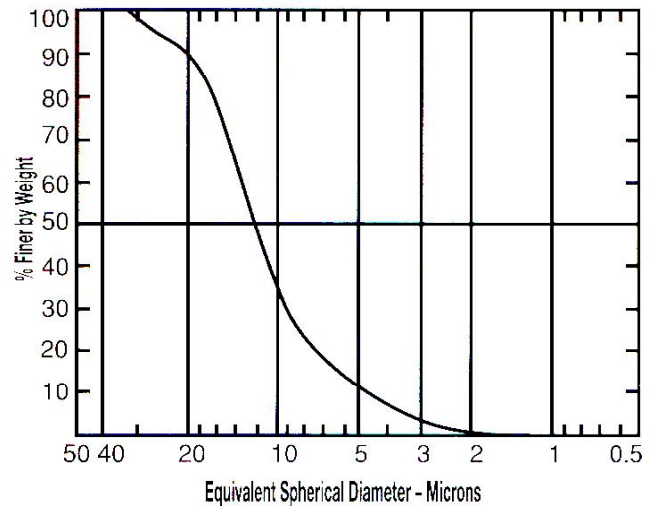
## TYPICAL PHYSICAL CHARACTERISTICS

Median Particle Size: Microns.....	12
Weight % passing a 325 mesh screen...	89.9
Dry Brightness: Hunter D-25.....	77
Oil Absorption.....	10
PH: 5% Slurry.....	9.5
Apparent Dry Bulk Density:	
Loose: lbs/ft <sup>3</sup> .....	60
Compacted: lbs/ft <sup>3</sup> .....	72

## TYPICAL CHEMICAL ANALYSIS (WT. %)

Moisture.....	0.2 max
Calcium Carbonate – CaCO <sub>3</sub> .....	97.08
Magnesium Carbonate – MgCO <sub>3</sub> .....	0.99
Iron Oxide – Fe <sub>2</sub> O <sub>3</sub> .....	0.17
Silicon Dioxide – SiO <sub>2</sub> .....	0.50
Manganese Oxide – MnO.....	0.016
Sulfur – S.....	0.069

## TYPICAL PARTICLE SIZE DISTRIBUTION



## 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

The information contained herein is believed to be accurate and reliable, but Great Lakes Calcium makes no warranties for any particular application or any other expressed or implied warranty. The information herein relates only to the specific product described and not to such product in combination with any other product. Providing information as herein contained is not to be regarded by implication or otherwise as conveying any rights or permission for use which would violate any patent rights or violate any law, safe code, or insurance regulation. Natural mineral products are subject to normal variations related to the deposits from which they are mined.