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^3................................	60
Compacted: lbs/ft^3............................	72

TYPICAL CHEMICAL ANALYSIS (WT. %)

Moisture.......................................	0.2 max
Calcium Carbonate – $CaCO_3$.................	97.08
Magnesium Carbonate – $MgCO_3$.........	0.99
Iron Oxide – Fe_2O_3.............................	0.17
Silicon Dioxide – SiO_2........................	0.50
Manganese Oxide – MnO....................	0.016
Sulfur – S.......................................	0.069

TYPICAL PARTICLE SIZE DISTRIBUTION
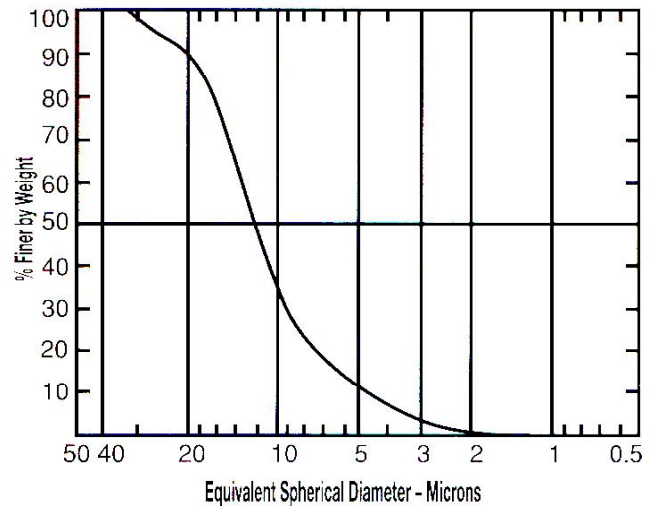
PHYSICAL PROPERTIES OF NATURAL CaCO$_3$

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