

Glomax™ LL



Glomax™ LL is a dehydroxylated aluminum silicate produced by a controlled, high temperature heating of a water-fractionated kaolin. Glomax LL is the standard of the coating industry as an extender pigment in paint systems where high whiteness and good opacifying properties are required. Glomax LL finds application in both solvent and water-based coating systems as an extender for titanium dioxide and other prime pigments. Glomax LL, because of its medium-coarse particle size, provides good sheen control and excellent scrub resistance.

Glomax LL is used in polymers to provide stiffness, dimensional stability and good electrical properties. Because the product has been heat treated at a high temperature, Glomax LL also offers good heat and chemical resistance and a low moisture content. Glomax LL is suggested in applications such as:

- Interior Emulsion Paints
- Electrical Wire and Cable
- Mechanical Rubber Compounds
- Ceramics
- Traffic Paint
- Filled Polyamides
- Pharmaceutical Closures

TYPICAL PROPERTIES

Source	Sandersville, GA
Whiteness (L Value)	96.5
Brightness (GE % of MgO)	91
Median Particle Size (µm)	1.5
Oil Absorption (g/100g)	70
pH, 20% Solids	5.0
Free Moisture (%)	0.5
Surface Area, (B.E.T. Nitrogen m ² /g)	9.0
Specific Gravity	2.62
Weight per Gallon (lbs)	21.91
Refractive Index	1.62
Residue (325 mesh screen %)	0.02
Bulk Density (lbs/cuft.)	
Loose	10.7
Packed	15.1

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