



822 Huber Road
Macon, GA 31217

Phone: 478 750 - 5410
Fax: 478 745 - 1116

www.kaminllc.com

Polyplate® P01

Water Washed Delaminated Kaolin Clay

PRODUCT DESCRIPTION

Application: Polyplate P01 is a milled, high brightness, large particle size delaminated kaolin, intended for use in solvent and water-borne coatings, inks, and adhesives. The high aspect ratio of the large platy particles provides improved tinting strength, enamel holdout, and crack resistance.

Physical Form – White, milled fine powder

Type - Hydrous Aluminum Silicate

TYPICAL PHYSICAL PROPERTIES

Brightness,% Reflectance (TAPPI).....	88
Moisture, 105°C, max., %.....	1.5
Screen Residue, 325 mesh, %	0.005
pH, (100 g/250 ml H ₂ O).....	7.0
Average Stokes Equivalent Particle Diameter, microns.....	0.75
Median Particle Size, microns (Malvern, LLS).....	5.7
Specific Gravity	2.6
Bulking Value: lb/gal; gal./lb.....	21.7; 0.046
Hegman Grind	4+
Surface Area, BET, m ² /g.....	15
Oil Absorption, g/100g.....	42
Bulk Density – Loose; Tamped (lbs/ft ³).....	17; 18
Crystalline Silica (quartz), %	<0.10
Shipping Point.....	Macon, GA

The above data are representative data for this product and should not be perceived as specifications or maximum/minimum values.

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