



822 Huber Road
Macon, GA 31217

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

www.kaminllc.com

Polyplate® PW

Water Washed Delaminated Kaolin Clay

PRODUCT DESCRIPTION

Application - Polyplate PW is a high brightness, blue-white, high aspect ratio, delaminated kaolin, intended for use in water-borne coatings, inks, adhesives, and sealants. The platy structure of Polyplate PW imparts increased hide, tint strength, and holdout to the systems in which is used.

Physical Form - Spray dried beads

Morphology - Fine, hexagonal platelets

Generic Type - Hydrated Aluminum Silicate

CAS No.: 1332-58-7

TYPICAL PHYSICAL PROPERTIES

Property Value

Average Particle Size, microns (Malvern Laser)	3.2
Stokes Particle Size, microns (Sedigraph).....	0.8
Oil Absorption, g/100g.....	35
Surface Area, BET, m ² /g.....	7.7
Brightness, % Reflectance (TAPPI).....	89
pH.....	7
Retain on #325 sieve, (%)	0.01
Moisture, as produced, maximum (%)	1.0
Specific Gravity	2.6
Weight per Solid Gallon, lb.\gal. ; gal.\ lb.....	21.7; 0.046
Bulk Density, Loose, (lb/ft ³)	34.85
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.

The information contained herein is believed to be accurate and reliable, but KaMin MAKES NO WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER EXPRESS 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, safety code or insurance regulation. Natural mineral products are subject to the normal variations related to the deposits from which they are mined.