

Polyplate® P01

Kaolin Clay - Delaminated

Product Description:

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: Dry

Type: Kaolin Clay - Delaminated

Typical Physical Properties

Test	Value	Method
Brightness, % Reflectance (TAPPI)	88	ASTM E1164
Moisture, 105°C, max, as produced, %	1.5	KAM-QA-WI-008
Screen Residue, 325 Mesh, %	0.005	KAM-QA-WI-001
pH, (100 g/250 ml H ₂ O)	7	KAM-QA-WI-010
Average Stokes Equivalent Particle Diameter (mm)	0.75	KAM-QA-WI-009
Median Particle Size (mm), (Malvern)	5.7	KAM-QA-WI-035
Specific Gravity	2.6	ASTM C127
Surface Area, BET, M2/g	15	ASTM D3363
Oil Absorption g/100g	42	ASTM D3363
Crystalline Silica (quartz), %	0.10	KaMin Proprietary Method
Bulk Density-Loose (Lbs/ft ²)		KAM-QA-WI-002
Bulk Density Tapped (Lbs/ft ²)	17; 18	KAM-QA-WI-002
Shipping Point	Macon, GA	

CAS # 1332-58-7

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