

KaMin Polyplate[®] P01 Kaolin Clay - Delaminated

Category : Ceramic , Clay , Kaolin Clay

Material Notes:

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. Industry: Paint & Coatings, Adhesives & Sealants, Rubber & Plastic Uses: Architectural Coatings, Industrial Coatings, Wood Coatings, Flat/Matte, Satin, Primer, Water Based, Solvent Borne, Non-Black Rubber Information provided by KaMin LLC.

Order this product through the following link:

http://www.lookpolymers.com/polymer_KaMin-Polyplate-P01-Kaolin-Clay-Delaminated.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.60 g/cc	2.60 g/cc	
Bulk Density	0.272 - 0.288 g/cc	0.00984 - 0.0104 lb/in ³	Loose
Brightness	88 %	88 %	Reflectance (TAPPI)
Oil Absorption	42 %	42 %	
Fineness	>= 4	>= 4	Hegman Grind
Moisture Absorption at Equilibrium	<= 1.5 %	<= 1.5 %	As Produced
Particle Size	0.750 Åµm	0.750 Åµm	Average Stokes Equivalent Diameter
	5.70 Åµm	5.70 Åµm	Median (Malvern Laser)
Particle Mesh Size	325 Mesh	325 Mesh	0.005% Retained
pH	7	7	100 g/250 ml H2O Slurry
Specific Surface Area	15.0 m ² /g	15.0 m ² /g	BET

Descriptive Properties	Value	Comments
Bulking Value	21.7 lb.gal	
CAS Number	1332-58-7	
Crystalline Silica (quartz)	<0.1%	
Physical Form	Dry	
Shipping Point	Macon, GA	

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