

KaMin Polyplate® P Kaolin Clay - Delaminated

Category : Ceramic , Clay , Kaolin Clay

Material Notes:

Polyplate® P is a high brightness, delaminated clay intended for use in latex paints, water flexography inks, water-based adhesives or water-based systems where increased hiding, tinting strength and improved hold out are desirable. Industry: Paint & Coatings, Adhesives & Sealants, Rubber & Plastic Uses: Architectural Coatings, Industrial Coatings, Wood Coatings, Flat/Matte, Satin, Primer, Water Based, Non-Black Rubber Information provided by KaMin LLC.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Specific Gravity	2.60 g/cc	2.60 g/cc	
Bulk Density	0.641 - 0.753 g/cc	0.0231 - 0.0272 lb/in ³	Loose
Solids Content	67 - 69 %	67 - 69 %	Slurry
Brightness	87.5 - 89 %	87.5 - 89 %	Reflectance (TAPPI)
Oil Absorption	45 %	45 %	
Fineness	>= 4	>= 4	Hegman Grind
Moisture Absorption at Equilibrium	<= 1.5 %	<= 1.5 %	As Produced
Particle Size	0.750 μm	0.750 μm	Average Stokes Equivalent Diameter
	3.20 μm	3.20 μm	Median (Malvern Laser)
Particle Mesh Size	325 Mesh	325 Mesh	0.005% Retained
pH	6 - 8	6 - 8	100 g/250 ml H ₂ O Slurry
Specific Surface Area	15.0 m ² /g	15.0 m ² /g	BET
Brookfield Viscosity	450 cP @Temperature 25.0 °C	450 cP @Temperature 77.0 °F	20 RPM

Descriptive Properties	Value	Comments
Bulking Value	21.7 lb.gal	
CAS Number	1332-58-7	
Crystalline Silica (quartz)	<0.1%	
Physical Forms	Dry, Slurry	

Descriptive Properties

Value , GA

Comments

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