

KaMin KaMin® HG90 Kaolin Clay - Ultrafine, high brightness

Category : Ceramic , Clay , Kaolin Clay

Material Notes:

KaMin® HG90 is a high brightness, ultra-fine particle size, platy kaolin with moderate water demand providing good tinting strength, TiO2 extension and gloss in water based paints. KaMin® HG90 is ideally suited for water-borne paint and ink applications, where high brightness and whiteness are important. Industry: Paint & Coatings, Adhesives & Sealants, Ink Uses: Architectural Coatings, Industrial Coatings, Wood Coatings, Satin, Gloss, Water Based, Gravure Water Based, Flexo Water Based Information provided by KaMin LLC.

Order this product through the following link:
http://www.lookpolymers.com/polymer_KaMin-KaMin-HG90-Kaolin-Clay-Ultrafine-high-brightness.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.60 g/cc	2.60 g/cc	
Bulk Density	0.801 - 0.897 g/cc	0.0289 - 0.0324 lb/in³	Loose
Solids Content	69.5 - 71 %	69.5 - 71 %	Slurry
Brightness	90 - 91.5 %	90 - 91.5 %	Reflectance (TAPPI)
Oil Absorption	42 %	42 %	
Fineness	>= 5	>= 5	Hegman Grind
Moisture Absorption at Equilibrium	<= 1.5 %	<= 1.5 %	As Produced
Particle Size	0.200 µm	0.200 µm	Average Stokes Equivalent Diameter
	0.400 µm	0.400 µm	Median (Malvern Laser)
Particle Mesh Size	325 Mesh	325 Mesh	0.005% Retained
pH	6 - 8	6 - 8	100 g/250 ml H2O Slurry
Specific Surface Area	21.0 m²/g	21.0 m²/g	BET
Brookfield Viscosity	450 cP	450 cP	20 RPM
	@Temperature 25.0 °C	@Temperature 77.0 °F	

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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Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China