

KaMin Polyfil[®] HG Kaolin Clay - Waterwashed

Category : Ceramic , Clay , Kaolin Clay

Material Notes:

Polyfil[®] HG is an ultra-fine particle size, moderate brightness water washed kaolin clay. It offers acid resistance, barrier properties, reinforcement, neutral ph, and extremely low crystalline silica and salt content. Industry: Rubber & Plastic Uses: Non-Black Rubber, Tire, General Rubber Goods, Butyl Rubber, General Plastics, Nylon, Thermoset, Thermoplastic, EPDM, Masterbatch, Wire & Cable Information provided by KaMin LLC.

Order this product through the following link:

http://www.lookpolymers.com/polymer_KaMin-Polyfil-HG-Kaolin-Clay-Waterwashed.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/in ³	Loose
Solids Content	69.5 - 71 %	69.5 - 71 %	Slurry
Brightness	87.5 - 88.5 %	87.5 - 88.5 %	Reflectance (TAPPI)
Oil Absorption	33 %	33 %	
Fineness	>= 5	>= 5	Hegman Grind
Moisture Absorption at Equilibrium	<= 1.5 %	<= 1.5 %	As Produced
Particle Size	0.200 μ m	0.200 μ m	Average Stokes Equivalent Diameter
	0.500 μ m	0.500 μ m	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	21.0 m ² /g	21.0 m ² /g	BET
Brookfield Viscosity	450 cP @Temperature 25.0 \AA C	450 cP @Temperature 77.0 \AA 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

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