

KaMin Polyfil[®] FB Kaolin Clay - Waterwashed

Category : Ceramic , Clay , Kaolin Clay

Material Notes:

Water washed kaolin clays such as Polyfil[®] FB offer acid resistance, reinforcement, neutral pH, and extremely low crystalline silica and salt content. Polyfil[®] FB is a moderate brightness water washed kaolin. It has a higher brightness and offers improved consistency compared to air-floated clays. Industry: Rubber & Plastic Uses: Non-Black Rubber, General Rubber Goods, EPDM, Wire & Cable Information provided by KaMin LLC.

Order this product through the following link:

http://www.lookpolymers.com/polymer_KaMin-Polyfil-FB-Kaolin-Clay-Waterwashed.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.60 g/cc	2.60 g/cc	
Bulk Density	0.561 - 0.673 g/cc	0.0203 - 0.0243 lb/in ³	Loose
Solids Content	69.5 - 71 %	69.5 - 71 %	Slurry
Brightness	87 - 88.5 %	87 - 88.5 %	Reflectance (TAPPI)
Oil Absorption	43 %	43 %	
Fineness	>= 5	>= 5	Hegman Grind
Moisture Absorption at Equilibrium	<= 1.5 %	<= 1.5 %	As Produced
Particle Size	0.400 μ m	0.400 μ m	Average Stokes Equivalent Diameter
	1.50 μ m	1.50 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	17.0 m ² /g	17.0 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

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