

KaMin Polyfil[®] F Kaolin Clay - Waterwashed

Category : Ceramic , Clay , Kaolin Clay

Material Notes:

Water washed kaolin clays such as Polyfil[®] F offer acid resistance, reinforcement, neutral pH, and extremely low crystalline silica and salt content. Polyfil[®] F 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, Polyolefins/PVC, SMC/BMC, EPDM, Mold Release Information provided by KaMin LLC.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Specific Gravity	2.60 g/cc	2.60 g/cc	
Bulk Density	0.192 - 0.240 g/cc	0.00694 - 0.00868 lb/in ³	Loose
Brightness	88 %	88 %	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 Åµm	0.400 Åµm	Average Stokes Equivalent Diameter
	1.50 Åµm	1.50 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	17.0 m ² /g	17.0 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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