

KaMin Polyfil[®] 90 Kaolin Clay - Calcined

Category : Ceramic , Clay , Kaolin Clay

Material Notes:

Highest brightness, smallest particle size, calcined kaolin. Industry: Rubber & Plastic Uses: Non-Black Rubber, General Rubber Goods, Butyl Rubber, General Plastics, Polyolefins/PVC, 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-90-Kaolin-Clay-Calcined.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.63 g/cc	2.63 g/cc	
Bulk Density	0.224 - 0.400 g/cc	0.00810 - 0.0145 lb/in ³	Loose
Solids Content	50 - 51 %	50 - 51 %	Slurry
Brightness	92 - 93.5 %	92 - 93.5 %	Reflectance (TAPPI)
Oil Absorption	65 %	65 %	
Fineness	>= 5	>= 5	Hegman Grind
Moisture Absorption at Equilibrium	<= 0.5 %	<= 0.5 %	As Produced
Particle Size	0.600 μ m	0.600 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	16.0 m ² /g	16.0 m ² /g	BET

Descriptive Properties	Value	Comments
Bulking Value	21.9 lb.gal	
CAS Number	92704-41-1	
Crystalline Silica (quartz)	<0.1%	
Physical Forms	Dry, Slurry	
Shipping Points	Macon, GA and Wrens, GA	

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