

KaMin Polyfil® DL Kaolin Clay - Delaminated

Category : Ceramic , Clay , Kaolin Clay

Material Notes:

Large, platy delaminated clay that reduces gas/vapor permeability, spray dried bead form. Industry: Rubber & Plastic Uses: Non-Black Rubber, Tire, General Rubber Goods, Butyl Rubber, MasterBatch Information provided by KaMin LLC.

Order this product through the following link:

http://www.lookpolymers.com/polymer_KaMin-Polyfil-DL-Kaolin-Clay-Delaminated.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.60 g/cc	2.60 g/cc	
Bulk Density	0.641 - 0.753 g/cc	0.0231 - 0.0272 lb/in ³	Loose
Solids Content	67 - 69 %	67 - 69 %	Slurry
Brightness	87.5 - 89 %	87.5 - 89 %	Reflectance (TAPPI)
Oil Absorption	45 %	45 %	
Fineness	>= 4	>= 4	Hegman Grind
Moisture Absorption at Equilibrium	<= 1.5 %	<= 1.5 %	As Produced
Particle Size	0.750 µm	0.750 µm	Average Stokes Equivalent Diameter
	3.20 µm	3.20 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	15.0 m ² /g	15.0 m ² /g	BET
Brookfield Viscosity	450 cP @Temperature 25.0 °C	450 cP @Temperature 77.0 °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	
Shipping Point	Macon, GA	

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