

KaMin Polyfil® HG90 Kaolin Clay - Waterwashed

Category : Ceramic , Clay , Kaolin Clay

Material Notes:

High brightness, ultra-fine kaolin extender for white or bright colored rubber or plastic, spray dried bead form. 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-HG90-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	90 - 91.5 %	90 - 91.5 %	Reflectance (TAPPI)
Oil Absorption	42 %	42 %	
Fineness	>= 5	>= 5	Hegman Grind
Moisture Absorption at Equilibrium	<= 1.5 %	<= 1.5 %	As Produced
Particle Size	0.200 Åµm	0.200 Åµm	Average Stokes Equivalent Diameter
	0.400 Åµm	0.400 Åµm	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	21.0 m ² /g	21.0 m ² /g	BET
Brookfield Viscosity	450 cP	450 cP	20 RPM
	@Temperature 25.0 Å°C	@Temperature 77.0 Å°F	

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	Wrens, GA	

Descriptive Properties	Value	Comments
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