

KaMin Polyfil[®] WC Kaolin Clay - Calcined

Category : Ceramic , Clay , Kaolin Clay

Material Notes:

Polyfil[®]WC clay is an organo-functional calcined kaolin clay used in Wire and Cable and other thermoplastic applications. It is designed to reduce water vapor transmission, yields excellent wet and dry electrical properties, and also long-term stability in EPR and cross-linked polyethylene. Calcined clays have low conductivity due to the elimination of bound water during the calcined process. Compounds with calcined clays extrude smoothly and reduce stickiness in processing. 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-WC-Kaolin-Clay-Calcined.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.60 g/cc	2.60 g/cc	
Brightness	91 %	91 %	Reflectance (TAPPI)
Oil Absorption	54 %	54 %	
Moisture Absorption at Equilibrium	<= 0.5 %	<= 0.5 %	As Produced
Particle Size	1.40 μm	1.40 μm	Average Stokes Equivalent Diameter
	3.20 μm	3.20 μm	Median (Malvern Laser)
Particle Mesh Size	325 Mesh	325 Mesh	0.01% Retained
pH	6	6	100 g/250 ml H ₂ O Slurry
Specific Surface Area	7.00 - 9.00 m ² /g	7.00 - 9.00 m ² /g	BET

Descriptive Properties	Value	Comments
CAS Number	Proprietary	
Crystalline Silica (quartz)	<0.1%	
Physical Form	Dry	
Shipping Point	Macon, GA	

Contact Songhan Plastic Technology Co.,Ltd.

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