

Imerys Amlock,ç 321 Kaolin

Category : Ceramic , Clay , Kaolin Clay , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Information provided by Imerys

Order this product through the following link:

http://www.lookpolymers.com/polymer_Imerys-Amlock-321-Kaolin.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.60 g/cc	2.60 g/cc	
Brightness	70 - 80 %	70 - 80 %	G.E. Brightness
Oil Absorption	33 - 38 %	33 - 38 %	g/100g clay; ASTM D-281
Particle Size	0.20 Åµm	0.20 Åµm	34% finer than
	0.30 Åµm	0.30 Åµm	median
	0.50 Åµm	0.50 Åµm	72% finer than
	1.0 Åµm	1.0 Åµm	86% finer than
	2.0 Åµm	2.0 Åµm	93% finer than
	5.0 Åµm	5.0 Åµm	97% finer than
	10 Åµm	10 Åµm	99% finer than
Particle Mesh Size	20 Åµm	20 Åµm	99% finer than
	325 Mesh	325 Mesh	0.25% retained
pH	7.0 - 8.0	7.0 - 8.0	
Specific Surface Area	22 - 26 mÅ²/g	22 - 26 mÅ²/g	

Component Elements Properties	Metric	English	Comments
Al2O3	38.1 %	38.1 %	
CaO	0.020 %	0.020 %	
Fe2O3	1.7 %	1.7 %	
K2O	0.30 %	0.30 %	
Loss on Ignition(%)	13.6 %	13.6 %	
	@Temperature 950 Å°C	@Temperature 1740 Å°F	

Component Elements Properties	Metric	English	Comments
SiO2	45.1 %	45.1 %	
SO3	0.50 %	0.50 %	
TiO2	1.6 %	1.6 %	
Zinc, Zn	0.0027 %	0.0027 %	

Descriptive Properties	Value	Comments
Color	white	

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