

Imerys Barden,ç R Kaolin

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

Material Notes:

Barden is a high surface area kaolin product used a filler in rubber and plastic applications. Information provided by Imerys

Order this product through the following link:

http://www.lookpolymers.com/polymer_Imerys-Barden-R-Kaolin.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.60 g/cc	2.60 g/cc	
Particle Size	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
	20 Åµm	20 Åµm	99% finer than
pH	5.0	5.0	

Component Elements Properties	Metric	English	Comments
Al2O3	38.1 %	38.1 %	
CaO	0.020 %	0.020 %	
Fe2O3	1.6 %	1.6 %	
K2O	0.20 %	0.20 %	
Loss on Ignition(%)	13.5 %	13.5 %	
	@Temperature 950 Å°C	@Temperature 1740 Å°F	
P2O5	0.10 %	0.10 %	
SiO2	45.1 %	45.1 %	
SO3	0.50 %	0.50 %	
TiO2	1.5 %	1.5 %	
Zinc, Zn	0.0027 %	0.0027 %	

Descriptive Properties	Value	Comments
Color	white	

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