

Imerys KT Cast Slurryâ„ç Kaolin

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

Material Notes:

KT Cast Slurry is a carefully controlled kaolin-water suspension formulated for use in ceramic operations. Information provided by Imerys

Order this product through the following link:

http://www.lookpolymers.com/polymer_Imerys-KT-Cast-Slurry-Kaolin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.757 g/cc	1.757 g/cc	as shipped
Solids Content	70 %	70 %	as shipped
Particle Size	0.50 Åµm	0.50 Åµm	20% finer than
	1.0 Åµm	1.0 Åµm	39% finer than
	2.0 Åµm	2.0 Åµm	55% finer than
	5.0 Åµm	5.0 Åµm	76% finer than
	10 Åµm	10 Åµm	87% finer than
	20 Åµm	20 Åµm	96% finer than
	Particle Mesh Size	80 Mesh	80 Mesh
200 Mesh		200 Mesh	1.3% retained
325 Mesh		325 Mesh	3.5% retained
pH	4.5 - 6.5	4.5 - 6.5	
Soluble Sulfates	175 ppm	175 ppm	dry weight basis

Component Elements Properties	Metric	English	Comments
Al2O3	38.8 %	38.8 %	
CaO	0.090 %	0.090 %	
Fe2O3	0.50 %	0.50 %	
K2O	0.10 %	0.10 %	
Loss on Ignition(%)	13.7 %	13.7 %	
MgO	0.030 %	0.030 %	
Na2O	0.060 %	0.060 %	

SiO2 Component Elements Properties	45.1 % Metric	45.1 % English	Comments
TiO2	1.64 %	1.64 %	

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