EPK Kaolin

EPK Kaolin is a unique, high quality water washed ceramic kaolin which offers very white fired color, unusually good forming characteristics and high green strength. In glaze, EPK offers excellent suspension capabilities and uncommon cleanliness.

Provisional
August 2007
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First Edition

TYPICAL PROPERTIES

CHEMICAL ANALYSIS

SiO_2	(%)	45.7
Al_2O_3	(%)	37.4
Fe_2O_3	(%)	0.79
TiO_2	(%)	0.37
P_2O_5	(%)	0.24
K_2O	(%)	0.33
Na_2O	(%)	0.06
CaO	(%)	0.18
MgO	(%)	0.10
L.O.I		13.9

TYPICAL VALUES

Moisture	(%)	
	Plus 325 Mesh (Pellet/Prill	3.0
	Plus 325 Mesh (Airfloated)	1.0
Bulk Density	(lb/ft^3)	
	Loose	32
	Packed	46
Dry M.O.R.	(psi)	300
pH		6.0
M.B.I.	(meq/100g)	3.7
Surface Area	(m^2/g)	25.6
Average Particle Size	(µm)	1.0
325 Mesh Screen Residue (%)		
	Pellet (Prill)	1.6
	Airfloated	1.2

Production Site
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Commercial Offices

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The data quoted are determined by the use of Imerys Standard Test Methods, copies of which will be supplied on request. Every precaution is taken in production to ensure the products conform to our published data. Since the products are based on naturally occurring materials, we reserve the right to change these data should it become necessary. Sales are in accordance with our "Conditions of Sale", copies of which will be supplied on request.

IMERYS Ceramics