



Kaolin clay - Indonesia

Packaging Available

Name Of Party : **IQOSA IMPEX PVT. LTD**
For Free Sample Contact : **82007 67077**
Sample Name & Code : **Kaolin Clay Indonesia**
Test Requirement : **Physical & Chemical Analysis**
Report No. : **015/LB24/02**
Date Of Received : **01-02-24**

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About

Kaolin clay - Indonesia

Kaolin Clay Has A High Fusion Temperature, And Its Naturally Bright White Color Makes It Useful For Manufacturing Pure White Ceramics, Porcelain, China, Sanitary Ware And Kaolin Pottery. Because Kaolin Contains Low Concentrations Of Iron Or Alkalis, It Is Ideal For Use In Various Forms Of Ceramics.

Kaolin, Soft White Clay That Is An Essential Ingredient In The Manufacture Of China And Porcelain And Is Widely Used In The Making Of Paper, Rubber, Paint, And Many Other Products. Kaolin Is Named After The Hill In China (kao-ling) From Which It Was Mined For Centuries.

Compound	Result %	Physical Properties	Result %
SiO ₂	50.34	Shrinkage %	4.27
Al ₂ O ₃	35.12	L*	95.77
Fe ₂ O ₃	0.57	A*	0.34
TiO ₂	0.03	B*	5.01
CaO	0.31	Whiteness	89.23
MgO	0.18	Temperature C	1188/1205
K ₂ O	1.61	Cycle Min.	45
Na ₂ O	0.04	Loss on ignition%	11.44
Loss On Ignition%	11.51	Dry M.O.R kg/cm ²	18.2
		Fried M.O.R kg/cm ²	236.5
		Water Absorption%	13.43
		Water Of Plasticity%	60.2
		T.D.S	150
		Residue 300 # %	0.05

Technical Data Sheet