



# KAM CERAMICS

## INDUSTRIAL TRADING JLT

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Type : **KAOLIN**

Code : **K.C.KA-014**

Technical Properties	
M.O.R. ( Kg/Cm <sup>2</sup> )	10 ± 2
Plasticity ( Peff. )	31.5 ± 1
Firing Whiteness ( 1180 °C )	87 ± 2
Firing Shrinkage ( 1180 °C )	3.5 ± 0.5
Physial Form	Micronized
Packing	Big Bag

Mineral Composition	
Kaolinite	Quartz
Calcite	Others

Chemical analysis	
SiO <sub>2</sub>	65 ± 1
Al <sub>2</sub> O <sub>3</sub>	22 ± 1
Na <sub>2</sub> O	0.35 ± 0.05
K <sub>2</sub> O	0.25 ± 0.05
MgO	0.35 ± 0.05
CaO	1.5 ± 0.2
Fe <sub>2</sub> O <sub>3</sub>	0.75 ± 0.1
TiO <sub>2</sub>	0.04 ± 0.01
MnO	*
P <sub>2</sub> O <sub>5</sub>	*
SO <sub>3</sub>	*
L.O.I.	8.5 ± 1
Total	***

Remarks :

### Applications

Tile - Glaze & Engobe

Electro Porcelain

### Particle Size Distribution ( % )

> 150 μ	0.00
> 40 μ	0 - 0.5
> 20 μ	98.00
> 2 μ	39 ± 3

Confirmed by :  
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Date :