



# KAM CERAMICS

## INDUSTRIAL TRADING JLT

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Type : **KAOLIN**

Code : **K.C.KA-008**

Technical Properties	
M.O.R. ( Kgf/Cm <sup>2</sup> )	15 ± 3
Plasticity ( Peff. )	*
Firing Whiteness ( 1180 °C )	92 ± 2
Firing Shrinkage ( 1180 °C )	3.5 ± 0.5
Physial Form	Nodled
Packing	Big Bag

Mineral Composition	
Kaolinite	Quartz
Calcite	Others

Chemical analysis	
SiO <sub>2</sub>	63 ± 1
Al <sub>2</sub> O <sub>3</sub>	24 ± 1
Na <sub>2</sub> O	0.4 ± 0.1
K <sub>2</sub> O	0.3 ± 0.1
MgO	0.55 ± 0.06
CaO	1.2 ± 0.2
Fe <sub>2</sub> O <sub>3</sub>	0.55 ± 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.	6 ± 1
Total	***

Applications	Particle Size Distribution ( % )	
Table Ware - Body & Glaze	> 150 μ	< 5
Tile - Glaze & Engobe	> 40 μ	35 ± 2
Porcelain Tile - Body	> 20 μ	53 ± 2
Sanitary Ware - Glaze	> 2 μ	20 ± 2
Electro Porcelain		

Confirmed by :

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Date :