



# KAM CERAMICS

## INDUSTRIAL TRADING JLT

Unit No. 1404, HDS Tower, Cluster F, Jumeirah Lakes Towers Dubai - UAE. Tel: +971 4 4541044 Fax: +971 4 4541045  
www.kam-ceramics.com Email: k.m.moshrefi@kam-ceramics.com

Type : **KAOLIN**

Code : **K.C.KA-009**

Technical Properties	
M.O.R. ( Kg/Cm <sup>2</sup> )	12 ± 2
Plasticity ( Peff. )	31.5 ± 1
Firing Whiteness ( 1180 °C )	90 ± 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>	64 ± 1
Al <sub>2</sub> O <sub>3</sub>	23 ± 1
Na <sub>2</sub> O	0.35 ± 0.05
K <sub>2</sub> O	0.35 ± 0.05
MgO	0.35 ± 0.05
CaO	1.4 ± 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.	8.5 ± 1
Total	***

Applications	Particle Size Distribution ( % )	
Table Ware - Body & Glaze	> 150 μ	0.00
Tile - Glaze & Engobe	> 40 μ	0 - 0.5
Porcelain Tile - Body	> 20 μ	98.00
Sanitary Ware - Glaze	> 2 μ	39 ± 3
Electro Porcelain		

Confirmed by :  
KAM CERAMICS

Date :