



# KAM CERAMICS

INDUSTRIAL TRADING JLT

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Type : **BENTONITE**

Code : **K.C.BE-313**

<b>Physical Analysis</b>	
Percent of Montmorillonite	<b>25</b>
Percent Of Montmorillonite mn 619	*
Gelling index after 8 hours	<b>0</b>
Gelling index after 24 hours	<b>0</b>
Gelling index after 2 hours	*
WET Tensile Strength (kgf/cm2)	<b>0.04</b>
WET Compressive Strength (kgf/cm2)	<b>0.12</b>
Yield	<b>2.7</b>
PH	<b>9.67</b>
Swell index	<b>6</b>
Water Absorption Percent Next 1 Hour (%)	*
Water Absorption Percent Next 2 Hour(%)	*
Water Absorption Percent Next 4 Hour(%)	*
Water Absorption	<b>274</b>
<b>Moisture %</b>	<b>4.9</b>

<b>Chemical analysis</b>	
SiO2	<b>55.51</b>
Al2O3	<b>13.18</b>
Na2O	<b>1.25</b>
K2O	<b>4.77</b>
MgO	<b>2.23</b>
CaO	<b>4.20</b>
Fe2O3	<b>6.39</b>
TiO2	<b>0.55</b>
MnO	<b>0.08</b>
P2O5	<b>0.14</b>
SO3	<b>0.33</b>
Pb(ppm)	<b>46</b>
Sr(ppm)	<b>354</b>
Cl(ppm)	<b>1984</b>
L.O.I.	<b>11.01</b>

<b>Mineral Composition</b>
Beidellite
Quartz
clinocllore
Aorthite
Ferroan
Sodian

Confirmed by :

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Date :