



# KAM CERAMICS

## INDUSTRIAL TRADING JLT

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Type :

**BENTONITE**

Code :

**K.C.BE-178**

<b>Physical Analysis</b>	
Percent of Montmorillonite mn 616	<b>60</b>
Percent Of Montmorillonite mn 619	<b>64</b>
Gelling index after 8 hours	<b>16</b>
Gelling index after 24 hours	<b>18</b>
Swelling index after 2 hours	<b>26</b>
Percent of Moisture	<b>7.16</b>
YP/PV	<b>1.8</b>
Yield Point	<b>9</b>
PH	<b>8.79</b>
Wet Tensile Strength (kgF/cm2)	<b>0.18</b>
Green Compressive Strength (KgF/cm2)	<b>0.52</b>
Yield	<b>14.3</b>
Water Absorption Percent	<b>456</b>
Plastic Viscosity	<b>5</b>

<b>Chemical analysis</b>	
<b>SiO2</b>	<b>66.7</b>
<b>Al2O3</b>	<b>13.4</b>
<b>Na2O</b>	<b>1.2</b>
<b>K2O</b>	<b>0.3</b>
<b>MgO</b>	<b>2.3</b>
<b>CaO</b>	<b>0.0</b>
<b>Fet</b>	<b>3.4</b>
<b>TiO2</b>	<b>0.4</b>
<b>MnO</b>	<b>*</b>
<b>P2O5</b>	<b>0.1</b>
<b>SO3</b>	<b>0.2</b>
<b>L.O.I.</b>	<b>11.05</b>
<b>Total</b>	

<b>Remarks :</b>	
<b>Applications</b>	<b>Available Sizes</b>

**Confirmed by :**  
**KAM CERAMICS**

**Date :**