



KAM CERAMICS

INDUSTRIAL TRADING JLT

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Type : **BENTONITE**

Code : **K.C.BE-312**

Physical Analysis	
Percent of Montmorillonite	74
Percent Of Montmorillonite mn 619	*
Gelling index after 8 hours	16
Gelling index after 24 hours	20
Gelling index after 2 hours	*
WET Tensile Strength (kgf/cm2)	0.12
WET Compressive Strength (kgf/cm2)	0.34
Yield	13.3
PH	8.9
Swell index	27
Water Absorption Percent Next 1 Hour (%)	*
Water Absorption Percent Next 2 Hour(%)	*
Water Absorption Percent Next 4 Hour(%)	*
Water Absorption	388
Moisture %	8.4

Chemical analysis	
SiO2	53.42
Al2O3	15.96
Na2O	2.03
K2O	1.16
MgO	3.35
CaO	3.01
Fe2O3	4.39
TiO2	0.79
MnO	0.05
P2O5	0.13
SO3	0.17
L.O.I.	15.23
Total	*

Mineral Composition
Beidellite
Quartz
Calcite
Orthoclase

Uses
foundry

Confirmed by :
KAM CERAMICS

Date :