



KAM CERAMICS

INDUSTRIAL TRADING JLT

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Type : BENTONITE

Code : K.C.BE-253.1

Physical Analysis	
Percent of Montmorillonite %	55-60
R600	12
R300	7
Gelling index after 24 hours	*
Gelling index after 2 hours	*
Percent of Moisture	*
YP/PV	0.40
Yield Point	2
PV	5
Swell index	10
Water Absorption Percent Next 1 Hour (%)	414.28
Water Absorption Percent Next 2 Hour(%)	485.36
Water Absorption Percent Next 4 Hour(%)	559.03
Water Absorption Percent Next 24 Hour(%)	716.70

Chemical analysis	
SiO2	65.98
Al2O3	13.10
Na2O	3.40
K2O	0.73
MgO	2.49
CaO	0.71
Fe2O3	3.05
TiO2	0.37
MnO	0.02
P2O5	0.05
SO3	N
L.O.I.	9.88
Ba (ppm)	15
Co(ppm)	9
Cr(ppm)	94
Cu(ppm)	N
Nb(ppm)	9
U(ppm)	N
Th(ppm)	31
Ce(ppm)	117
Cl(ppm)	957
Pb(ppm)	14
Rb(ppm)	97
Sr(ppm)	355
V(ppm)	40
Y(ppm)	59
Zr(ppm)	317
Zn(ppm)	89
Mo(ppm)	3

Uses
detergents & Paint
Ceramics & Ceramic balls
Pelletizing
Agri

Production Size
Lumps , chips , micronized

Mineral Composition
Montmorillonite
Cristobalite
Zeolite
Halite
Quartz

Confirmed by : KAM Ceramics