



# 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 : BENTONITE

Code : K.C.BE-253

Physical Analysis	
Percent of Montmorillonite %	55-60
R600	25
R300	17
Gelling index after 24 hours	*
Gelling index after 2 hours	*
Percent of Moisture	*
YP/PV	1.13
Yield Point	9
PV	8
Swell index	25
Water Absorption Percent Next 1 Hour (%)	24.00
Water Absorption Percent Next 2 Hour(%)	613.02
Water Absorption Percent Next 4 Hour(%)	691.93
Water Absorption Percent Next 24 Hour(%)	1093.41

Chemical analysis	
SiO2	70.56
Al2O3	11.37
Na2O	2.35
K2O	0.36
MgO	3.03
CaO	0.76
Fe2O3	2.21
TiO2	0.33
MnO	0.02
P2O5	0.04
SO3	N
L.O.I.	8.61
Ba (ppm)	72
Co(ppm)	4
Cr(ppm)	202
Cu(ppm)	19
Nb(ppm)	12
U(ppm)	N
Th(ppm)	30
Ce(ppm)	97
Cl(ppm)	2627
Pb(ppm)	15
Rb(ppm)	66
Sr(ppm)	69
V(ppm)	36
Y(ppm)	64
Zr(ppm)	308
Zn(ppm)	99
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