



## White Bentonite /ceramic body

### Test Report

<u>Physical Properties</u>		<u>Chemical Analysis</u>	
Name of test	Results	Compound	Result %
Shrinkage %	12.53	SiO <sub>2</sub> %	69.53
Loss On Ignition	8.54	Al <sub>2</sub> O <sub>3</sub> %	13.41
Dry M.O.R kg/cm <sup>2</sup>	44.6	Fe <sub>2</sub> O <sub>3</sub> %	1.52
Fired M.O.R kg/cm <sup>2</sup>	315.5	TiO <sub>2</sub> %	0.08
Water absorption	0.92	CaO %	2.21
Water Plasticity	76.6	MgO %	2.65
T.D.S	690	K <sub>2</sub> O %	0.86
Residue 240 # %	7.01	Na <sub>2</sub> O %	0.73
Moisture	19.82	Loss on Ignition %	8.75
L*	71.01		
a*	0.16	<b>Name of test</b>	<b>Mix 82</b>
b*	11.74	Shrinkage %	7.94
Whiteness	42.73	L*	72.12
Temperature	1195/1210	a*	2.08
Cycle Min.	50	b*	13.69
		Whiteness	43.78