

Fuller's Earth

Chemical Analysis

Code	ASB-10	
Type	Bentonite	
SiO ₂	66 ± 1	
Al ₂ O ₃	12.5 ± 0.5	
Fe ₂ O ₃	1.2 – 1.5	
TiO ₂	0.15 – 0.2	
Na ₂ O	1 – 1.2	
K ₂ O	0.2 – 0.6	
CaO	3.5 – 4.5	
MgO	2 – 2.3	
SO ₃	1 - 2	
L.O.I	10 - 12	
Physical & Thermal Properties at	1170°C/ 49'	
Strength (kg/cm ²)	Green	13 ± 1
	Dried	37 ± 2
	Fired	> 200
Fired Shrinkage	6 ± 1	
% Water Absorption	5 ± 1	
Coefficient of thermal Expansion at 500°C ($\alpha \times 10^{-7} \text{ } ^\circ\text{C}^{-1}$)	77	
Color	L= 68 ± 2 a = 5 ± 1 b = 15 ± 1	
Application	Bleaching	
Sizing	< 200 mm	
Packing	Bulk	
Delivery Place	Qazvin Boin Zahra	

*Samples are tested under company laboratory condition.