



شرکت معدنی و صنعتی سوراوجین عقیق
Suravajni Aghigh Mining & Industrial Co

Raw Material for (Engobe)

Chemical Analysis

CODE	ACE	
Type	Ball Clay	
SiO ₂	61 - 63	
Al ₂ O ₃	24 - 26	
Fe ₂ O ₃	0.65 - 0.75	
TiO ₂	1.2 - 1.3	
Na ₂ O	0.3 - 0.4	
K ₂ O	0.8 - 1.0	
CaO	0.05 - 0.10	
MgO	0.4 - 0.5	
L.O.I	9.0 - 9.5	
Physical & Thermal Properties at	1175°C/ 60'	
Strength (kg/cm ²)	Green	9-11
	Dried	18-22
	Fired	> 150
Fired Shrinkage	2.2 – 2.8	
% Water Absorption	11 - 13	
Coefficient of thermal Expansion at 500°C ($\alpha \times 10^{-7} \text{ }^\circ\text{C}^{-1}$)	64.397	
Color	L= 86 ± 2 a = 1.8 – 1.9 b = 7 - 8	
Application	Engobe	
Sizing	Briquette	
Packing	Big bag	
Delivery Place	Tabas Robot-e Khan	

Updated: 2021.01.20

*Sample are tested under company laboratory condition. Values are liable to natural deviations and are not to be cited as guaranteed properties or guaranteed values.

دارنده گواهی نامه : ISO/IEC 17025: 2017