

## Raw Material for Engobes

Code	ACE			
	Ball Clay			
	Typical Chemical Analysis			
SiO <sub>2</sub>	60 ± 1			
Al <sub>2</sub> O <sub>3</sub>	25.5 ± 1			
Fe <sub>2</sub> O <sub>3</sub>	<0.8			
TiO <sub>2</sub>	<1			
CaO	<0.3			
MgO	<0.6			
K <sub>2</sub> O	<1.2			
Na <sub>2</sub> O	<0.5			
SO <sub>3</sub>	-			
L.O.I	9-10			
Physical Properties				
Drying strength (Kg/cm <sup>2</sup> )	25			
Shrinkage at 1170°C	3-4 %			
Color	At 1180 °C / 65' L = 82.5 ± 1 a = 3 ± 0.3 b = 15 ± 1			
Thermal Properties (Dilatometry) $\alpha \times 10^{-7} \text{ }^{\circ}\text{C}^{-1}$				
	$\alpha$ 300	$\alpha$ 400	$\alpha$ 500	$\alpha$ 600
At 1180 °C 65'	62	66	71	86
At 1135 °C 48'	60	64	69	86
Application	Engobes			
Sizing	0-30 mm 0-10 mm - powder			
Packing	Big bag - Bulk			
Delivery place	Tabas - Robotkhan			
* Samples are tested under company laboratory condition				



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