

Technical Data Sheet

ES400 (White Earthenware) Paper Clay



Modelling



Hand Building



Pouring



Firing Range: 1080-1180°C



Colour: Off White



Texture: Medium Textured



Bag Size: 5kg

Fired at

1300°C

1280°C

1260°C

1240°C

1220°C

1200°C

1180°C

1160°C

1140°C



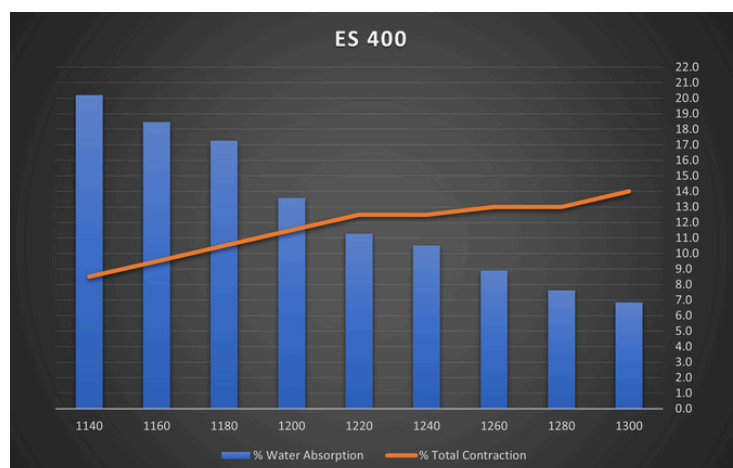
Chemical Analysis %	
Chemical	Percentage
SiO ₂	64.56
TiO ₂	0.88
Al ₂ O ₃	18.16
Fe ₂ O ₃	0.82
P ₂ O ₅	0.04
CaO	0.23
MgO	0.27
K ₂ O	2.33
Na ₂ O	0.87

% Total Contraction	
1100°C	10.5%
1200°C	x

Thermal Expansion	
500°C	0.330
600°C	0.479

This technical information is only a guide, established from the characterisation and analysis of representative samples, and from routine production averages.

Product characteristics are subject to modifications.



Valentine Clays

MANUFACTURED IN THE HEART OF THE POTTERIES