

Technical Data Sheet

ES 300 (Grogged Body) Paper Clay



Modelling



Hand Building



Pouring



Firing Range: 900-1280°C



Colour: Pale Buff



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



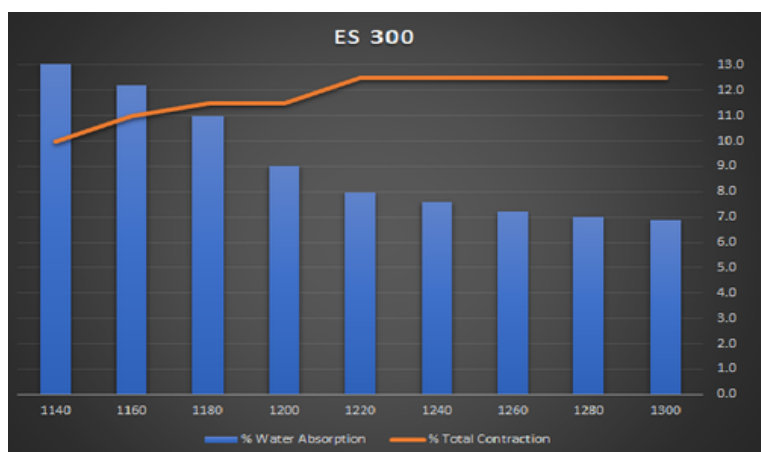
Chemical Analysis %	
Chemical	Percentage
SiO ₂	57.29
TiO ₂	1.07
Al ₂ O ₃	23.49
Fe ₂ O ₃	1.33
P ₂ O ₅	0.06
CaO	0.18
MgO	1.20
K ₂ O	2.06
Na ₂ O	0.36

% Total Contraction	
1100°C	x
1200°C	11.5%

Thermal Expansion	
500°C	0.213
600°C	0.285

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