

Technical Data Sheet

ES10 (Extra Smooth) Earthstone



Throwing



Casting



Firing Range: 1120-1280°C



Colour: Off White



Texture: Smooth



Bag Size: 12.5kg

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	67.41
TiO ₂	1.04
Al ₂ O ₃	21.10
Fe ₂ O ₃	0.60
P ₂ O ₅	0.07
CaO	0.35
MgO	0.28
K ₂ O	2.72
Na ₂ O	0.99

% Total Contraction

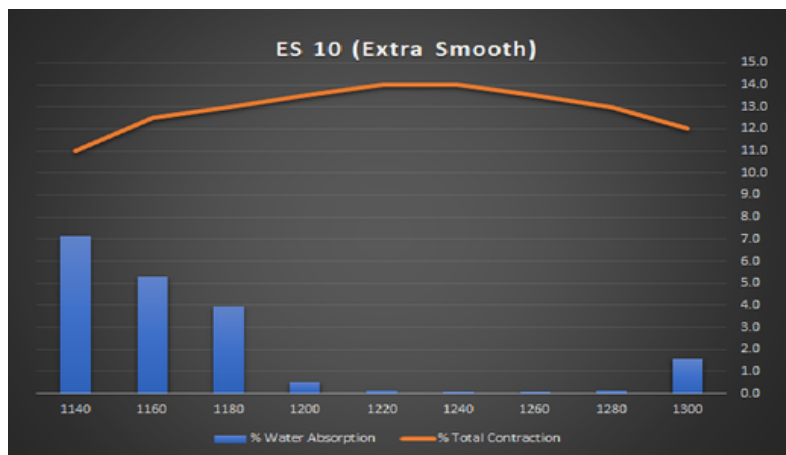
1100°C	X
1200°C	13.5%

Thermal Expansion

500°C	0.240
600°C	0.300

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