



Technical Data Sheet

Product Name: Buff Earthenware/Stoneware Clay

Product Number: P1401

Product profile:

Firing Range: 1120°C -1260°C

Colour: Warm Buff / Grey

Texture: Smooth rated -5 Scale 1 – 10

Bag Size: 10kg

Linear shrinkage: Moisture content 20%

Dry to fired (1260° C) : 13.4%

Chemical Analysis %	
Chemical	Percentage
Sio2	60.01
Tio2	1.42
AL2O3	31.54
Fe2O3	2.20
P2O3	0.16
CaO	0.24
MgO	1.41
K2O	2.41
Na2O	0.59

Specimen Firing Temperature 1200 °C

Coefficient of Thermal Expansion [x10⁻⁶°C]

α_{20-500} 6.45 x 10⁻⁶ °C⁻¹

0.258 % @ 500° C

0.340% @ 600°C.

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.