



Technical Data Sheet

Product Name: Buff Earthenware/Stoneware Clay
Product Number: P1401

Product profile:

Linear shrinkage: Moisture content 20%

Dry to fired (1200° C): 13%

Texture: - Smooth rated-4 Scale 1 - 10

Fired Colour: - Warm Buff-Grey

Firing Range: - 1120-1280°C

Coefficient of thermal expansion fired to (1200° C):

$\alpha_{20-500} \quad 6.45 \times 10^{-6} \text{°C}^{-1}$

0.31 % @ 500° C 0.38% @ 600°C.

Oxide analysis (%):

SiO ₂	63.40
TiO ₂	1.0
Al ₂ O ₃	22.9
Fe ₂ O ₃	2.50
P ₂ O ₅	0.00
CaO	0.30
MgO	0.40
K ₂ O	1.10
Na ₂ O	0.20

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.