

**WALKER**  
Ceramics



**Feeneys**  
**Clay**

*Pottery Clays, Glazes and Colours*

## No 10 Stoneware AA100

**Description**

White firing stoneware ideal for functional throwing & pressing extending also to sculpture and slab work.

**Mesh :** 120# **New Improved from 80#**

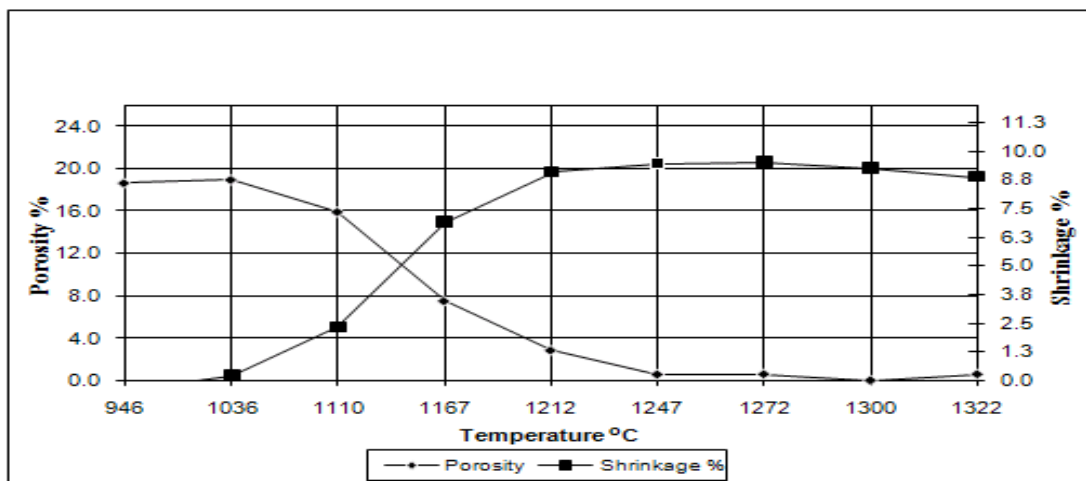
**Recommended Firing**

Bisque	Glaze
1000° C Orton Cone 06	1260° C to 1300° C Orton Cone 8 to 10

**Coefficient of Expansion**

Sample fired at 1260° C, Orton cone 8. Linear expansion is 0.326% at 500° C and coefficient is 69.0 x 10<sup>-7</sup> from 200° C to 500° C.

Chemical Analysis		Shrinkage (fired)			
SiO <sub>2</sub>	68.4%	From wet to dry	3.1%	± 0.5%	
Al <sub>2</sub> O <sub>3</sub>	20.11%	From dry to bisque	0.5%	± 0.2%	
TiO <sub>2</sub>	0.69%	From bisque to glaze	8.0%	± 0.5%	
Fe <sub>2</sub> O <sub>3</sub>	0.57%				
CaO	0.15%	<b>Water absorption</b>			
MgO	0.52%	Biscuit	1000° C	Orton Cone 06	14.8%
Na <sub>2</sub> O	0.97%	Fired	1225° C	Orton Cone 6	less than 2%
K <sub>2</sub> O	3.21%	Fired	1260° C	Orton Cone 8	0%
L.O.I.	5.36%				



**Glazes**

Functional and decorative glazes are available in the Walkers Stoneware glaze range. Compatible clear glazes are WSG30 or WSG31 (zinc free).

**Presentation**

Fully de-aired 10 kilogram block wrapped in recyclable polythene bags. Moisture content of standard clay is 22% to 24%, PR 3 to 4.