

## No 10 Stoneware

### AB100

#### Description

White firing stoneware ideal for casting.

**Mesh** : ~120#

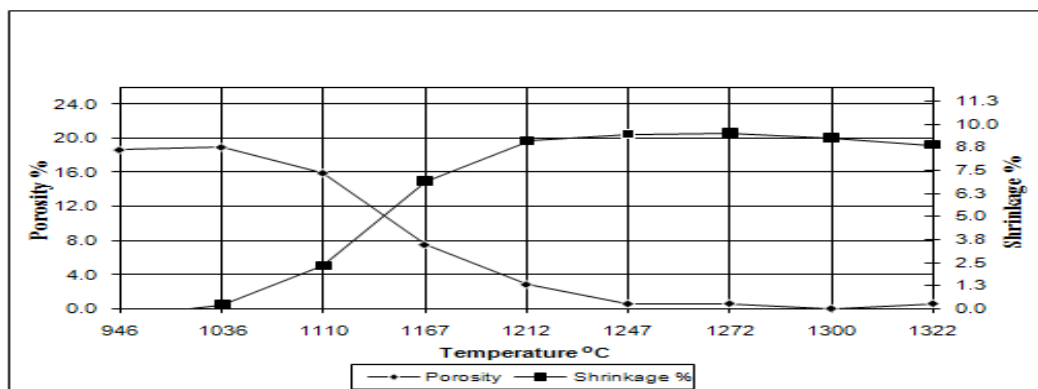
#### Recommended Firing

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  $69.0 \times 10^{-7}$  from 200° C to 500° C.

Chemical Analysis		Shrinkage (fired)			
SiO2	68.4%	From wet to dry		3.1%	± 0.5%
Al2O3	20.11%	From dry to bisque		0.5%	± 0.2%
TiO2	0.69%	From bisque to glaze		8.0%	± 0.5%
Fe2O3	0.57%				
CaO	0.15%	Water absorption			
MgO	0.52%	Biscuit	1000° C	Orton Cone 06	14.8%
Na2O	0.97%	Fired	1225° C	Orton Cone 6	less than 2%
K2O	3.21%	Fired	1260° C	Orton Cone 8	0%
L.O.I.	5.36%				



#### Glazes

Functional and decorative glazes are available in the Cesco Stoneware glaze range. Compatible clear glazes are 4914, 6031, 6250 & 6327.

#### Presentation

Casting slip in 5L Jerry Can or 10L bucket ready for casting.