

No 10 Stoneware

AC100

Description

White firing stoneware body ideal for casting.

Mesh : -120#

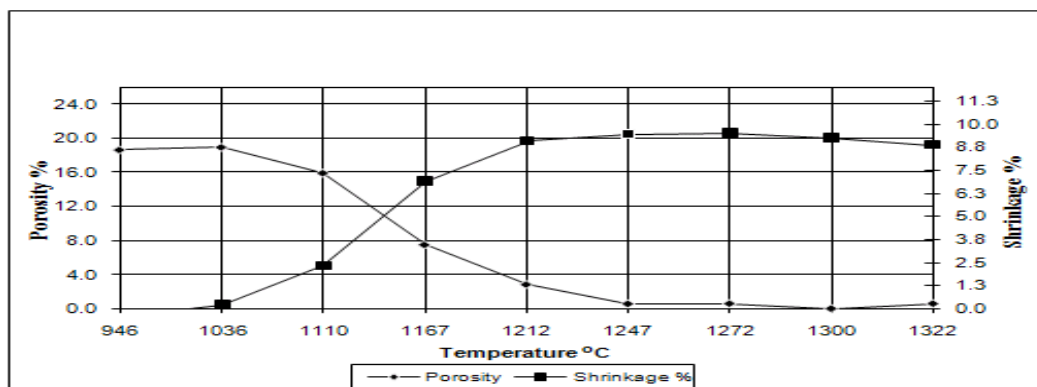
Recommended Firing

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 x 10-7 from 200° C to 500° C.

Chemical Analysis		Shrinkage (fired)			
SiO ₂	68.4%	From wet to dry		3.1%	± 0.5%
Al ₂ O ₃	20.11%	From dry to bisque		0.5%	± 0.2%
TiO ₂	0.69%	From bisque to glaze		8.0%	± 0.5%
Fe ₂ O ₃	0.57%				
CaO	0.15%	Water absorption			
MgO	0.52%	Biscuit	1000° C	Orton Cone 06	14.8%
Na ₂ O	0.97%	Fired	1225° C	Orton Cone 6	less than 2%
K ₂ O	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 powder in 25kg bags.