

Feeneys Clays



White Midfire

Code: AB175

Description

A superb super white midfire body for casting with precise thermal expansion for accurate glaze fit. This body is designed to be used as a vitreous midfire body at 1200-1220oC.

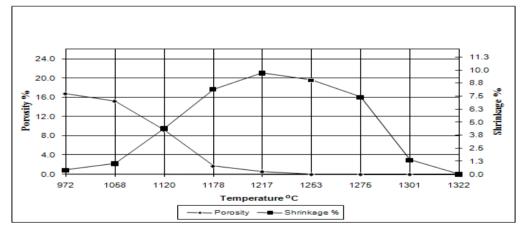
Mesh : ~80# Recommended Firing

Bisque	Glaze Middle Fire	
1000° C to 1060° C	1200° C to 1220° C	

Coefficient of Expansion

Sample fired at 1100° C, Orton cone 03. Linear expansion is 0.290% at 500° C and coefficient is 63.66 x 10-7 from 200° C to 500° C

Chemic	al Analysis	Shrinkage (fired)			
SiO2	64.59%	Wet to dry	2.3%	± 0.5%	
AI2O3	21.18%	Dry to bisque	0.2%	± 0.2%	
TiO2	0.37%	Bisque to glaze	1.0%	± 0.5% at 1100° C]
Fe2O3	0.40%	Bisque to glaze	5.0%	± 0.5% at 1250° C	-
CaO	0.86%				
MgO	0.98%	Water absorption			
Na2O	1.00%	Biscuit	1000° C	Orton Cone 06	14%
K2O	3.87%	Fired	1225° C	Orton Cone 6	less than 2%
L.O.I.	6.76%	Fired	1250° C	Orton Cone 7	0%



Glazes

Use Cesco standard clear lead free glaze for White Midfire.- 6250

Presentation

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

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