

# Porcelain Clay Bodies – Cone 10

Porcelain Body (Cone 10)	
Custer Feldspar	24.76 %
6 Tile Clay	17.82
EPK (Edgar Plastic Kaolin)	17.82
Tennessee Ball Clay (#10)	17.82
Pyrax	1.98
Silica (Flint)	19.80
	100.00 %

For a casting slip, mix the dry clay body with a solution of 39.60% water, 0.25% Darvan and 0.08% soda ash.

Porcelain Body (Cone 9-10)	
Potash Feldspar (Custer or Norfloat)	25 %
Bentonite	5
Grolleg Kaolin	53
Flint (325 mesh)	17
	100%

Grolleg Porcelain Body (Cone 9-10)	
Custer Feldspar	18%
Grolleg Kaolin	55
Flint	14
Molochite 200	8
Pyrophyllite	5
	100%

Add 2% bentonite, blunged in water.

Porcelain Body 1 (Cone 8-11)	
Nepheline Syenite	31.6 parts
Bentonite	2.2
Edgar Plastic Kaolin	40.0
Kentucky Ball Clay (OM 4)	8.9
Flint	17.7
	100.4 parts

Porcelain Body 2 (Cone 8-11)	
Nepheline Syenite	25.0 parts
Edgar Plastic Kaolin	47.0
Flint	25.0
	97.0 parts
Add: Baroid Macaloid	2.5 parts

David Leach Porcelain Body (Cone 10)	
Potash Feldspar	25%
Grolleg Kaolin	52
Quest White Bentonite	4
Flint	19
	100%

John's Porcelain Body (Cone 9-11)	
Custer Feldspar	34.38%
Grolleg Kaolin	40.04
Flint	25.58
	100.00%
Add: Bentonite	4.82%

## CHRIS STALEY PORCELAIN

GROLLEG — 55  
CUSTER FELDSPAR — 20  
FLINT — 13  
PYROTROL — 12  
BENT. — 3

OR

GROLLEG — 25  
#6 TILE — 25  
CUSTER FELDSPAR — 20  
FLINT — 13  
PYROTROL — 12  
BENT — 3

Willoughby/Shusterman Porcelain (Cone 10-11)	
NC 4 Feldspar	45 lb
6 Tile Clay	25
Edgar Plastic Kaolin	25
Plastic Vitrox Clay	4
Tennessee Ball Clay (10)	50
Flint (200 mesh)	40
Pyrophyllite	4
Molochite (200 mesh)	4
	197 lb

The following slips are applied to leather-hard ware. Adding 0.25% Calgon as a deflocculant permits the use of less water for working consistency.

Cone 6 Porcelain Clay Body	
(from Val Cushing; in % by weight)	
EPK	35%
Tile #6 Clay	15
Nepheline Syenite	23
Silica	22
XX Sagger Ball Clay	5
BASE TOTAL	100%
add Bentonite	3

Porcelain Body (Cone 10-11, reduction)	
Kona F-4 Feldspar	25 %
Grolleg Kaolin	50
Flint (200 mesh)	25
	100%
Add: Bentonite	2%

Porcelain Ball Clay	
Ball Clay	50
Kaolin	50
Feldspar	50
Silica 200 Mesh	50
Bentonite	10
Water	50

Babu Porcelain Body (Cone 10-11)	
Custer Feldspar	20 1
Bentonite	2
Grolleg Kaolin	55
Flint	13
Pyrophyllite	13
	103

## Tom Turner Porcelain Body

(Cone 10, reduction)

Custer Feldspar	23.5
6-Tile Clay	29.0
Kaopaque 20	14.5
Kentucky Ball Clay (OM 4)	4.5
Flint	27.0
Veegum T	1.5