

SOME 406 to 404 BODIES USED AT ALFRED - TESTED, PROVEN, USEFUL, GOOD.  
 THESE BODIES ARE MADE FOR OXIDATION, BUT CAN BE REDUCED WITH THE  
 USUAL RESULT - - (DARKER IN REDUCTION & GREYER). THESE BODIES ARE  
 MORE EXPENSIVE TO MAKE BECAUSE OF THE FRITT, BUT THEY ARE GOOD HARD  
 STRONG BODIES. Val M. Wething

① C/06 to 404. WHITE (PORCELAIN LIKE)  
 white and dense, but not translucent.

GROLLEG CHINA CLAY - 20  
 TILE CLAY #6 (KAOLIN) - 20  
 EPK - 10  
 TENN. #9 Ball Clay - 10  
 FRITT #3124 - 15  
 TALC - 15  
 FLINT - 10

+ Bentonite → 3%  
 \* add 1 cup vinegar when mixing  
 body - it will help plasticity.

② C/06 to 404. WHITE VITREOUS  
 (V) white 04.

GROLLEG CHINA CLAY - 10  
 TILE #6 kaolin - 30  
 Ball clay (any type) - 10  
 FRITT #3124 - 30  
 FLINT - 10  
 TALC - 10

Bentonite → 100%  
 3%

③ C/06 to 404 WHITE SCULPTURE  
 Good for thick walled pieces  
 Very low shrinkage

TILE CLAY #6 - 15  
 E.P.K. - 15  
 TENN. Ball clay - 5  
 TALC - 30  
 WOLLASTONITE - 10  
 MOLOCHITE - 25

+ Bentonite → 1%  
 \* NYLON FIBERS WILL GIVE THIS BODY HIGH  
 DRY STRENGTH and will allow you to  
 use very thin walls.

④ C/06 to 404 \*ORANGE/BROWN  
 SCULPTURE BODY. (LOW SHRINK.)

OCMULGEE Red clay - 20  
 PINE Lake Fine clay - 10  
 PBX Valentine - 15  
 FRITT #3124 - 15  
 WOLLASTONITE - 10  
 Fine Grog - 10  
 Coarse Grog - 15  
 Medium Grog - 5  
 + RED IRON OXIDE - 4%  
 + BENTONITE - 2%

⑤ C/06 to 404 "RED" EARTHENWARE  
 (More orangish/red). Good Throwing

REDART EARTHENWARE - 25  
 OCMULGEE red clay - 25  
 CALVERT red clay - 25  
 (any type). Ball Clay - 10  
 GOLDART stoneware - 15  
 Fritt #3124 - 10

+ Barium Carb. - 1/2%  
 Red Iron Oxide - 2%

⑥ C/06 to 404, almost Black  
 (Plastic body).

REDART earthenware = 25  
 OCMULGEE earthenware - 25  
 BARNARD Clay - 25  
 P.B.X. Valentine - 15  
 Fritt #3124 - 10

+ Bentonite → 100%  
 3%  
 Red Iron Oxide • 6%  
 Iron Chromite • 4%  
 MANG. Dioxide • 2%

VAL CUSHING: CLAY BODIES FOR THE RANGE OF 1/6 TO 1/2 • EARTHENWARE • \*OXIDATION\*

⓪ 1/4. TAN/ORANGE. SCULPTURE BODY

THIS BODY IS GOOD FOR THICK HEAVY PIECES. IT HAS LOW SHRINKAGE, NICE COLOR. THIS BODY IS NOT PLASTIC, BUT CAN BE HAND BUILT. 1% OR 2% BENTONITE WOULD HELP IF YOU WANT GREATER WORKABILITY.

OCMULGEE RED CLAY - 20  
 NARCO FIRE CLAY - 10  
 APGREEN MISSOURI FIRE CL. - 15  
 TALC - 15  
 WOLLASTONITE - 10  
 (GRADED SIZES: FINE/MEDIUM/COARSE) GROG - 30  
 + (PLUS) 100%

RED IRON OXIDE → ... 5%  
 BARNARD CLAY → ... 3%

BARIIUM CARBONATE → ... 1%

\* A CUP OR TWO OF NYLON FIBERS MAY BE ADDED TO THIS BATCH FOR EVEN GREATER GREEN STRENGTH.

⓪ 1/4. LIGHT, SANDY, CINNAMON WHEEL THROWING BODY. PLASTIC.

REDART (CEDAR HGTS. RED) CLAY - 20  
 OCMULGEE RED CLAY - 30  
 P.B.X. FIRE CLAY - 20  
 XX SAGGER BALL CLAY - 15  
 (FERRO) FRITT # 3124 - 13  
 TALC - 2

+ BARIUM CARBONATE ..... 1%

⓪ 1/4. ALMOST BLACK. VERY DARK. PLASTIC BODY. (DO NOT REDUCE)

REDART RED CLAY - 20  
 OCMULGEE RED CLAY - 30  
 PBX VALENTINE FIRE - 20  
 BARNARD CLAY - 22  
 FRITT # 3124 - 8

+ BENTONITE ..... 2%  
 RED IRON OXIDE ..... 6  
 IRON CHROMATE ..... 4  
 MANGANESE DIOXIDE ..... 2  
 BARIUM CARBONATE ..... 1%

⓪ 1/4. WHITE. SCULPTURE BODY.

THIS BODY IS MEANT FOR HEAVY, THICK SECTIONS, MASSIVE TYPE SCULPTURE. IT HAS LOW SHRINKAGE BUT IS STRONG. MOLOCHITE IS USED INSTEAD OF GROG BECAUSE MOLOCHITE IS PORCELAIN GROG & THEREFORE KEEPS THE BODY WHITE.

E.P.K. (PLASTIC KAOLIN) - 10  
 GROLLEG CHINA CLAY - 20  
 BALL CLAY - 10  
 (FERRO) FRITT # 3124 - 10  
 TALC - 10  
 WOLLASTONITE - 10  
 MOLOCHITE - 30

100%

+ (PLUS) ... BENTONITE - 2%

\* A CUP OR TWO OF CHOPPED NYLON FIBER WILL GIVE BETTER GREEN STRENGTH AND ALLOW BETTER WORKABILITY FOR THIN WALLS ETC.

⓪ 1/4. WHITE, VITREOUS. (PORCELAIN LI)

THIS BODY CAN BE USED FOR THROWING AND OTHER PLASTIC USES. IT IS DENSE ENOUGH TO BE NON ABSORBANT. GOOD FOR GLAZE FITTING.

GROLLEG CHINA CLAY - 25  
 TILE CLAY # 6. KAOLIN - 25  
 TENN. BALL CLAY # 9. - 10  
 (FERRO) FRITT # 3124 - 30  
 TALC - 5  
 FLINT - 5

100%

+ BENTONITE } ..... 2%  
 MACALOID }

⓪ 1/4. RED/ORANGE/TAN. PLASTIC \* WHEEL THROWING EARTHENWARE. DENSE.

REDART (CEDAR HGTS.) CLAY - 20  
 OCMULGEE RED CLAY - 20  
 CALVERT RED CLAY - 20  
 BALL CLAY - 10  
 GOLDART STONEWARE - 10  
 (FERRO) FRITT # 3124 - 15  
 TALC - 5

+ RED IRON OXIDE ... 2%  
 BENTONITE ..... 1%  
 BARIUM CARBONATE ... 1%

100%

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 (V) white 04.

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 SCULPTURE BODY • (LOW SHRINK.)

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