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THE VARIABLES IN METHODS, TECHNIQUES, FORMULATIONS, STUDIO PRACTICES, KILNS AND FIRING ROUTINES OF SCHOOLS AND POTTERS PROHIBIT US FROM ACCEPTING RESPONSIBILITY FOR UNSATISFACTORY RESULTS.

WE STRONGLY RECOMMEND AN ONGOING TESTING ROUTINE FOR CLAYS-GLAZES COLORS, AND EXPERIMENTS UNDER YOUR USUAL HANDLING AND FIRING CONDITIONS



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## Ceramic Supply Chicago Clay Price - 2015

### Price Per Pound



Clay Number	Clay Description	50 LBS	500 LBS	1000 LBS	2000 LBS	5000 LBS
101	Buff Clay - Cone 02-9	0.68	0.56	0.47	0.40	0.36
103	Red Clay - Cone 06-2	0.68	0.56	0.47	0.40	0.36
104	Red Clay w/Grog - Cone 04-4	0.73	0.60	0.51	0.43	0.40
105	Talc White Clay - Cone 06-04	0.64	0.52	0.44	0.37	0.34
105G	Talc White Clay w/Grog - Cone 06-04	0.65	0.55	0.46	0.39	0.35
108	Red Clay w/Grog - Cone 4-10	0.76	0.64	0.55	0.46	0.43
112	Brown Clay - Cone 4-6	0.68	0.56	0.47	0.40	0.37
119	Stoneware Clay - Cone 4-10	0.68	0.56	0.47	0.40	0.38
130	Porcelain Clay - Cone 7-9	0.72	0.60	0.51	0.44	0.42
153	Stoneware Clay - Cone 4-10	0.68	0.56	0.47	0.40	0.34
181	White Stoneware - Cone 6-10	0.77	0.65	0.56	0.48	0.46
182	White Stoneware - Cone 6-10	0.64	0.52	0.44	0.37	0.35
182G	White Stoneware W/Grog - Cone 6-10	0.66	0.55	0.46	0.39	0.36
213	Porcelain Clay - Cone 6	0.68	0.56	0.47	0.40	0.38
225	Brown Clay - Cone 4-6	0.68	0.56	0.47	0.40	0.36
239	Raku Clay - Cone 04-6	0.65	0.54	0.46	0.39	0.35
240	White Clay - Cone 6	0.68	0.56	0.47	0.40	0.37
257	English Porcelain - Cone 8-10	0.83	0.75	0.70	0.66	0.62
266	Dark Brown Clay - Cone 4-6	0.78	0.66	0.57	0.51	0.46
306	Brown Firing Clay - Cone 4-10	0.68	0.56	0.47	0.40	0.36
308	Brooklyn Red Clay - Cone 4-8	0.73	0.60	0.51	0.43	0.40
365	English Porcelain - Cone 6	0.81	0.73	0.68	0.64	0.60
420	Sculpture Clay - Cone 2-6	0.72	0.63	0.56	0.50	0.46
437	Troy Porcelain - Cone 9-13	0.93	0.85	0.79	0.74	0.69
508	Woodfire Stoneware Clay - Cone 10+	0.71	0.59	0.50	0.42	0.39
509	Sandy White Clay - Cone 6	0.70	0.59	0.50	0.42	0.38
547	Red Sculpture Clay - Cone 2-6	0.73	0.63	0.52	0.44	0.41
553	Warm Buff Clay Cone 4-6	0.68	0.56	0.47	0.40	0.36
621	Troy Woodfire Clay - Cone 10+	0.79	0.66	0.60	0.54	0.49
630	White Stoneware	0.68	0.56	0.47	0.40	0.37
910	Self-Hardening Clay	0.75	0.64	0.56	0.50	0.46

# Moist Clay By Standard Ceramic Supply Co.

## Low Fire Clay Bodies

 <p>Cone 06      Cone 2</p>	<p>103 RED CLAY (Cone 06-2)</p> <p>Low fire plastic terra cotta body designed for the classroom. Traditional terra cotta color at cones 06 oxidation. Deeper brick red at cone 2. Shrinkage: 9% at C/06, 14% at C/2 Absorption: 12% at C/06, 6% at C/2</p> 
 <p>Cone 06      Cone 4</p>	<p>104 RED CLAY WITH GROG (Cone 06-4)</p> <p>Versatile clay containing fine grog. Good for hand building, slab work and throwing. Shrinkage: 6% at C/06, 11% at C/4 Absorption: 13.2% at C/06, 3% at C/4</p> 
 <p>Cone 04</p>	<p>105 WHITE CLAY (Cone 06-04)</p> <p>Plastic low fire smooth body made with Texas talc. This clay fires to a very white color and works well with commercial low-fire glazes. Can be used for throwing and hand building. We recommend this body for classroom use. Shrinkage: 6% at C/06, 6.5% at C/04 Absorption: 15.5% at C/06, 14.5% at C/04</p> 
 <p>Cone 04</p>	<p>105G WHITE CLAY WITH GROG (Cone 06-04)</p> <p>Same as 105 with the addition of fine grog. Gives a toothy clay that many potters prefer. This is also a good clay for tile work and larger projects. Slight speckled appearance due to the addition of grog when a transparent glaze is used. Shrinkage: 5.0% at C/06, 5.6% at C/04 Absorption: 15.3% at C/06, 14.5% at C/04</p> 





## Mid-Fire Clay Bodies

 <p>C/6 Oxidation</p>	<p>112 BROWN CLAY (Cone 4-6)</p> <p>Plastic clay for wheel and modeling. The addition of granular manganese gives a speckled surface. The ideal temperature for developing best color tone is cone 5. Good results may be expected in reduction or oxidation firing. Shrinkage: 12% at C/4, 12.5% at C/6. Absorption: 4.5% at C/4, 2.5% at C/6.</p> 
 <p>C/6 Oxidation</p>	<p>225 BROWN CLAY (Cone 4-6)</p> <p>Same characteristics as 112, but has no specks. Ideal for throwing and slab work. Shrinkage: 12% at C/4, 12.5% at C/6. Absorption: 4.5% at C/4, 2.5% at C/6.</p> 
 <p>C/6 Oxidation</p>	<p>240 WHITE CLAY (Cone 6)</p> <p>A very smooth, plastic throwing body. Shrinkage: 13% at C/6. Absorption: 2.75% at C/6</p> 
 <p>C/6 Oxidation</p>	<p>266 DARK BROWN CLAY (Cone 4-6)</p> <p>Gives reduction-like dark brown color in electric kiln. Smooth and plastic. Good for all techniques. Shrinkage: 11.5% at C/4, 13% at C/6. Absorption: 2.4% at C/4, 1.4% at C/6.</p> 
 <p>C/6 Oxidation</p>	<p>630 WHITE STONEWARE (Cone 6)</p> <p>Contains fire clay and mullite which enhances thermal properties. Shrinkage at C/6: 13.0% Absorption at C/6: 1.5%</p> 
 <p>C/6 Oxidation</p>	<p>213 PORCELAIN CLAY (Cone 6)</p> <p>A white body formulated for cone 6 firing. Plastic, throwable clay. Shrinkage: 12% at C/6 Absorption: 1.7% at C/6</p> 

## Mid-Fire Clay Bodies

 <p>C/6 Ox.</p>	<p>365 ENGLISH PORCELAIN (Cone 6)</p> <p>Same as 257 but formulated to fire at a lower temperature.          Shrinkage: 13.5% at C/6.          Absorption: .60% at C/6</p> 
 <p>C/2 Ox.    C/6 Ox.</p>	<p>420 SCULPTURE CLAY Cone 2-6)</p> <p>Our most heavily grogged body, formulated for sculpture and tile. Sand color at Cone 6, off white at Cone 2.          Shrinkage: 7% at C/2, 8% at C/6.          Absorption: 8% at C/2, 1.5% at C/6.</p> 
 <p>C/6 Ox.</p>	<p>509 SANDY WHITE CLAY (Cone 6)</p> <p>Light firing clay for tile and handbuilding. Can be thrown if potters prefer a toothy body. Contains sand.          Shrinkage: 12% at C/6.          Absorption: 2.5% at C/6.</p> 
 <p>C/2 Ox.    C/6 Ox.</p>	<p>547 RED SCULPTURE CLAY (Cone 2-6)</p> <p>Our second most heavily grogged body. Has fine and medium grog. Good for tile and sculpture. Shrinkage: 10% at C/6.          Absorption: .25% at C/6.</p> 
 <p>C/6 Oxidation</p>	<p>553 WARM BUFF CLAY (Cone 4-6)</p> <p>Good for production work. Contains fire clay and fine grog.          Shrinkage: 12.4% at C/6.          Absorption: 2.9% at C/6.</p> 

## High-Fire Clay Bodies

 <p>C/6 Ox. C/10 Ox. C/10 R.</p>	<p>153 STONEWARE CLAY (Cone 6-10)</p> <p>A soft warm beige in oxidation - a rich gray brown in reduction. Responds well to all techniques. Excellent for production potters and classroom use. Shrinkage: 11.5% at C/6, 13% at C/10. Absorption: 5% at C/6, 2% at C/10.</p> 
 <p>C/6 Ox. C/10 Ox. C/10 R.</p>	<p>306 BROWN FIRING CLAY (Cone 6-10)</p> <p>Smooth throwing body. Orange-brown in reduction. Muted orange to C/4 oxidation. Gray at C/10 oxidation. Shrinkage: 11.5% at C/6, 13% at C/10. Absorption: 3.5% at C/6, 1% at C/10.</p> 
 <p>C/6 Ox. C/9 Ox. C/9 R.</p>	<p>101 BUFF CLAY (Cone 02-9)</p> <p>An all purpose stoneware clay with a wide firing range for throwing and modeling. Shrinkage: 9.5% at C/6, 12% at C/9. Absorption: 4.5% at C/6, 3% at C/9.</p> 
 <p>C/06 Ox. C/10 Ox. C/10 R.</p>	<p>108 RED CLAY WITH GROG (Cone 4-10)</p> <p>A high fire clay with medium grog and sand for surface texture and minimal warping and cracking. Designed for sculpture, slab or coil building. Shrinkage: 10.5% at C/6, 12% at C/10. Absorption: 5.5% at C/6, 3% at C/10.</p> 
 <p>C/6 Ox. C/10 Ox. C/10 R.</p>	<p>119 STONEWARE CLAY (Cone 6-10)</p> <p>Contains coarse silica sand. Good for both salt and wood firings. Shrinkage: 10.5% at C/6, 12% at C/10. Absorption: 3.5% at C/6, 2.5% at C/10.</p> 
 <p>C/6 Ox. C/8 Ox.</p>	<p>308 BROOKLYN RED CLAY (Cone 4-8)</p> <p>Red stoneware body with sand and grog. Oxidation firing yields brick red at cone 6 and deep warm brown at cone 8. Shrinkage: 12% at C/4, 13% at C/8. Absorption: 2.5% at C/4, 1.0% at C/8.</p> 






## High-Fire Clay Bodies


 <p>C/10 Ox.    C/10 R.</p>	<p>130 PORCELAIN CLAY (Cone 7-10)</p> <p>A white firing, high temperature plastic body. Very fine white porcelain grog enhances strength and throwability.          Shrinkage: 10% at C/7, 12% at C/10.          Absorption: .75% at C/7, .5% at C/10.</p> 
 <p>C/10 Ox.    C/10 R.</p>	<p>257 ENGLISH PORCELAIN (Cone 8-10)</p> <p>A porcelain body with a parian like quality. It is white, tight and translucent when thin. Contains no ball clay.          Shrinkage: 13% at C/8, 15% at C/10.          Absorption: 1% at C/8, .65% at C/10.</p> 
 <p>C/6 Ox.    C/10 Ox.    C/10R.</p>	<p>181 WHITE STONEWARE BODY (Cone 6-10)</p> <p>A very smooth white stoneware body. Contains no fire clay.          Shrinkage: 13% at C/6, 13.9% at C/10.          Absorption: 2.8% at C/6, 1.7% at C/10.</p> 
 <p>C/6 Ox.    C/10 Ox.    C/10 R.</p>	<p>182 WHITE STONEWARE BODY (Cone 6-10)</p> <p>Near white plastic stoneware body. Good for use with bright glazes. Available with and without fine grog. Shrinkage: 11% at C/8, 12% at C/10.          Absorption: 3% at C/8, 2.1% at C/10.</p> 



## Woodfire Clay Bodies

	<p>#437 Troy Porcelain - C/9-13</p>
<p>Woodfired</p>	<p>A versatile, plastic English kaolin body. It throws and takes glazes well, and can be used in reduction, wood, and salt firings. Translucent when thin; wide range of color/texture in long wood firings. Shrinkage: 13% at Cone 10. Absorption: 0.3 % at Cone 10. Sample was woodfired without glaze.</p>
	<p>#508 Woodfire Stoneware Clay - C/10+</p>
<p>Woodfired</p>	<p>Extremely versatile clay body for throwing and handbuilding. Fires to a very light gray color. Works well in both woodfiring and reduction. Shrinkage: 12% at Cone 10, Absorption: 1.5% at Cone 10. Sample was woodfired without glaze.</p>
	<p>#621 Troy Woodfire Clay - C/10+</p>
<p>Woodfired</p>	<p>Woodfire body formulated with Helmer kaolin. Very plastic throwing body, Excellent flashing results. Shrinkage: 12% at Cone 10, Absorption: 0.4% at Cone 10 Sample was woodfired without glaze.</p>

## Raku Clay Bodies

	<p>239 Raku Clay</p>
<p>C/06 Raku    C/6 Ox.</p>	<p>An open clay body specially formulated to withstand the thermal shock of Raku firing. Contains sand. Shrinkage: 8% at C/04, 13% at C/6. Absorption: 17% at C/04, 4.5% at C/6.</p>

## Self Hardening Clay

### 910 SELF HARDENING CLAY

This clay body can be used in children's projects for camps and schools. It is designed for small to medium projects where a kiln is not available. Hardens in approximately 2 to 3 days depending on the thickness of the project. Once dry it can be painted, if desired. The clay is NOT water tight. Where a kiln is available, it can be fired to c/04.

## Casting Slips

	<p>Low-Fire White Slip - C/06-04  Pours smoothly &amp; quickly, drains evenly, produces greenware of good strength.  Absorption at C/05: 17%  Available in 2-gallon boxes. <b>1-11 Cartons \$14 per box 12-23 Cartons \$12 per box 24-49 Cartons \$11 per box 50-100 Cartons \$8 per box</b></p>
	<p>Terracotta Slip - C/06-04  classic terracotta color at C/04. Excellent casting slip. Can be used in all types of molds. Very good for functional ware.  Absorption at C/04: 5%  Available in 2-gallon boxes - <b>\$17 per box</b></p>
	<p>White Stoneware Slip - C/6  A smooth pouring stoneware slip. Releases easily. Excellent for utility ware.  Shrinkage at Cone 6: 13.0%  Absorption at Cone 6: 2.0%  Available in 2-gallon boxes - <b>\$16 per box</b></p>
	<p>Tan Stoneware Slip - C/6-10  A smooth pouring stoneware slip. Fires beige in oxidation, brown in reduction. Good for functional ware.  Shrinkage at Cone 6: 14.0%  Absorption at Cone 6: 1.25%  Available in 2-gallon boxes - <b>\$16 per box</b></p>
	<p>Porcelain Slip - C/6  Pours smoothly, releases easily. Beautiful porcelain finish. Good green strength.  Shrinkage at Cone 6: 14.5%  Absorption at Cone 6: 1.2%  1-gallon jars - <b>\$19.50 per jar</b></p>
	<p>English Porcelain Slip - C/6  A fine parian like porcelain. White, tight and translucent where thin.  Shrinkage at Cone 6: 13.5%  Absorption at Cone 6: 0.7%  1-gallon jars - <b>\$22.50 per jar</b></p>

## Dry Materials

Material	Price Per Lbs			
	1 Pound	10 Pounds	25 Pounds	50 Pounds
Alumina Hydrate, Dense	3.75	2.75	2.25	1.90
Barium Carbonate	4.86	3.65	3.20	2.70
Bentonite, 325 Mesh	2.10	1.30	.90	.55
Bone Ash	2.60	2.00	1.90	1.50
Borax, Powdered	2.90	1.75	1.50	1.20
Burnt Umber	3.75	2.75	2.50	2.35
Calcium Carbonate (Whiting)	1.90	.90	.60	.40
Chromium Oxide	11.00	9.50	8.50	8.00
CMC Gum (Powdered)	12.00	11.00	10.00	9.20
Cobalt Carbonate	45.00	39.00		
Cobalt Oxide	45.00	39.00		
Copper Carbonate	12.05	11.15	10.65	10.25
Copper Oxide (Black)	13.00	12.00	11.00	10.00
Copper Sulphate (Crystals)	4.69	3.45	3.16	2.60
Cornwall Stone	4.00	3.10	2.70	1.95
Crocus Martis	5.50	3.75	3.00	2.60
Dolomite	1.25	.85	.65	.40
Feldspar Custer	2.80	1.50	.95	.45
Feldspar Minspar 200	2.25	1.10	.80	.38

<b>Fire Clay MO. Hawthorne 35M</b>	1.70	.90	.60	.36
<b>Frits, Ferro 3110</b>	3.85	2.60	2.25	1.80
<b>Frits, Ferro 3124</b>	3.50	2.30	2.00	1.50
<b>Frits, Ferro 3134</b>	3.60	2.50	2.10	1.68
<b>Frits, Ferro 3195</b>	4.00	2.80	2.35	2.00
<b>GoldArt Cedar Heights (Airfloated)</b>	1.75	1.00	.75	.32
<b>Gillespie Borate</b>	2.30	1.75	1.50	1.15
<b>Grog, Fine (48 mesh)</b>	1.50	.80	.65	.50
<b>Grog, Medium (20-48 mesh)</b>	1.50	.80	.65	.50
<b>Grog, Coarse (10-20 mesh) Maryland</b>	1.50	.80	.65	.50
<b>Ilmenite, Granular</b>	5.70	4.65	3.90	3.50
<b>Iron Oxide, Black</b>	5.25	4.50	4.10	3.80
<b>Iron Oxide, Red (Domestic)</b>	3.05	2.10	1.80	1.40
<b>Iron Oxide, Red Spanish</b>	3.25	2.75	2.40	2.10
<b>Iron Oxide Yellow</b>	4.25	3.75	3.50	3.10
<b>Iron Sulphate (Copperas)</b>	2.10	1.35	1.15	1.00
<b>Kaolin, Calcined China Clay</b>	2.75	1.90	1.15	.95
<b>Kaolin, EPK Airfloated (Florida)</b>	1.75	.90	.65	.40
<b>Kaolin, English (Grolleg 55 Lbs)</b>	2.40	1.90	1.45	.87
<b>Kaolin, Tile Clay #6</b>	2.05	1.00	.70	.40
<b>Kiln Wash</b>	2.50	1.50	1.20	.85
<b>Lithium Carbonate</b>	11.50	9.50	9.00	8.50
<b>Magnesium Carbonate</b>	5.55	4.38	4.05	3.86

<b>Manganese Dioxide, Approx. 200 mesh</b>	3.05	1.50	1.25	1.00
<b>Molochite, 200 mesh</b>	3.15	2.35	1.60	1.20
<b>Mould Soap</b>	3.95			
<b>Nepheline Syenite</b>	1.70	.90	.70	.45
<b>Nickel Oxide, Black</b>	58.00			
<b>Ochre, Yellow</b>	3.05	2.10	1.65	1.25
<b>OM4 Ball Clay, Kentucky</b>	1.35	.90	.60	.32
<b>Plaster #1 (Pottery Plaster)</b>	1.95	.95	.68	.38
<b>RedArt Cedar Heights (Airfloated)</b>	1.75	1.00	.75	.32
<b>Rutile Powdered - Light Tone</b>	4.60	3.30	3.00	2.60
<b>Silica (Flint) 325 Mesh Silcosil 63</b>	2.05	1.10	.75	.34
<b>Silica, Sand</b>	1.90	1.00	.70	.30
<b>Soda Ash, Light</b>	2.30	1.50	1.25	.85
<b>Spodumene</b>	3.25	2.10	1.50	1.10
<b>Strontium Carbonate</b>	4.25	2.70	2.30	1.90
<b>Superpax</b>	4.25	3.75	3.00	2.70
<b>Talc, Ceramic(texas Talc)</b>	1.90	.90	.60	.40
<b>Tin Oxide</b>	30.00	28.00		
<b>Titanium Dioxide</b>	6.75	5.70	5.00	4.60
<b>Whiting (Calcium Carbonate)</b>	1.90	.90	.60	.40
<b>Wollastonite</b>	2.25	1.50	1.10	.75
<b>XX Sagger</b>	1.75	1.05	.65	.32
<b>Zinc Oxide</b>	5.75	5.00	4.75	4.30

<b>Zircopax</b>	4.55	3.55	3.20	2.90
<b>Liquid Raw Materials</b>	<b>Price Per Jar</b>			
<b>Darvan #811 (deflocculant for slips)</b>	9.00 Pint			
<b>Soda Silicate, N Brand Solution</b>	12.50 per pint		50.00 per gallon	
<b>Wax Resist</b>	9.00 per pint		28.00r gallon	