

PREPARED CLAYS

Why does Laguna offer more than 180 different stock clay bodies? Better yet, why does Laguna offer over 180 stock clay bodies and still make HUNDREDS of custom clay bodies every year? Because every single use and every single user of clay - from fine china to roofing tile, from fine art to functional pottery, and from studio artists to manufacturers - demands the right clay for every specific project. Our goal is to provide you with that right clay. Your satisfaction with Laguna products is our measure of success.

“WHICH CLAY SHOULD I USE?” There are numerous decisions to make in selecting the right clay - decisions which are usually aided by experimentation and trial-and-error. The Characteristics Charts included in this section are a good place to start. They will help you in selecting a clay which offers the right temperature and color for oxidation or reduction, the right texture (amount, if any, of grog or sand), the right firmness, and the right shrinkage and absorption. Some or all of these factors may be important to you and the project you are creating. If you need help in making your decision, call our technical support group at (800) 4-LAGUNA or e-mail info@lagunaclay.com.

“TEXTURE: WHAT’S THE DIFFERENCE?” Texture impacts the feel, the look and the suitability of a clay for each different project. As a general rule, clays containing coarse sand and grog are generally best for medium to large pottery or sculpture. Smooth clays or porcelains are recommended for smaller, “finer” work; and clays containing fine mesh grog or sand are best for work falling between the other two. As far as “feel” and “look,” try a clay sample kit listed in this section. It will allow you to experiment with 6 to 11 clays of similar color and temperature to determine the right texture for your project.

“FIRMNESS: HOW DO I KNOW?” As with texture, the firmness and consistency of your clay can be important to the success of your project. Because of east vs. west geographic “tradition,” we use different equipment and slightly different standards in measuring and evaluating the firmness of our clays depending on whether they are made in our Ohio facility or our California facility. Each Laguna stock clay listed in this catalog is specifically manufactured to the general firmness most popular among our customers. If you like a certain clay, but prefer it harder or softer, custom firmness is always an option (see below).

RELATIVE FIRMNESS RATING

California (Western) Prepared Clays		Ohio (Eastern) Prepared Clays	
Extra Soft	5.0 - 5.5	Soft	4.25
Soft	6.0 - 6.5	Medium	5.0
Medium Soft	6.75	Firm	6.0
Medium	7.0 - 8.0	Hard	7.5 - 9.0
Firm	9.0 - 9.5		
Hard	5.5 - 6.5 small*		

* A small tipped (versus a large tipped) penetrometer is used for measuring this very hard clay - therefore the different scale of measurement.

“SHRINKAGE AND ABSORPTION: WHAT DOES IT MEAN TO ME?” When considering the suitability of your clay for a particular use (coffee mugs, flowerpots, sculpture or decorative wall tiles), shrinkage and absorption are factors which will impact your project. The information in the Characteristics Charts is a good place to start, but there is no substitute for conducting your own tests.

WARRANTIES AND RESPONSIBILITIES

We take our responsibility to you very seriously. Every batch of pugged clay, liquid slip or dry casting body is tested and approved prior to being shipped from our factory. While our testing ensures that our products meet our standards, it does not guarantee performance in your specific application. Only by thoroughly testing can you guarantee that the materials you buy are truly suitable for your use and your specific application. There is simply no substitute for testing.

STATEMENT ON CASTING BODIES

Because of the variation in raw materials which are mined from the earth, and water, which can change considerably depending upon location, source, and the time of the year, it is important that a somewhat scientific approach be taken in casting body preparation. Refer to The Art of Slipmaking in this catalog. Laguna Clay is prepared to handle your questions and assist you in the preparation of your casting body.

DISCLAIMER OF WARRANTIES

The following is made in lieu of all warranties, expressed or implied: Laguna Clay’s only obligation shall be to replace such quantity of product proven to be defective by standard and accepted test methods for the Ceramic Industry. Laguna shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. There is no warranty for merchantability or fitness for purpose of the product. Before using, user shall determine the suitability of the product for his intended use and user assumes all risk and liability whatsoever in connection therewith.

CUSTOM CLAY FORMULAS AND SPECIAL ORDER CLAYS (MOIST OR DRY)

CUSTOMER FORMULATED CLAYS:

We offer custom mixing, moist or dry, of your formula. To prevent any misunderstanding, your formula should be submitted in writing. All customer formulas are kept in confidence and will not be made for any other party without your permission. We have a large selection of raw materials which are listed in the Raw Materials section of this catalog. If your formula requires a material we do not carry, we can recommend a suitable substitute, or you may supply the material from a different source. In either case, we cannot accept responsibility for its successful use in the formula. There are some restrictions on materials we are unable to run through our moist clay equipment; these include some stains, extremely coarse grogs, gypsum, fiberglass, nylon fibers, and sewer pipe clay.

LAGUNA FORMULAS:

Our laboratory will assist and advise you in the formulation of clays, or we will modify Laguna stock clay formulas to meet your specific requirements. (All such formulas remain the property of Laguna Clay Co.)

LAGUNA DISCONTINUED CLAYS:

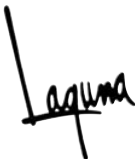
We base our selection of stock clays on sales records, but we realize that a discontinued clay may be the "perfect" clay for some of our customers. Most discontinued stock clays are available on a special order basis (see below).

LAGUNA STOCK CLAYS—SPECIAL CONSISTENCY:

You may Special Order any Laguna stock clay made to your special firmness (one ton increments + one ton minimum). There is a special order charge of \$15.00 per ton on orders under 4 tons. Please allow 14 to 21+ days for production.

ORDERING CUSTOM AND SPECIAL ORDER CLAYS

- MINIMUM ORDER:** One ton (2000 lbs.) batches. Usually a moist clay formula makes slightly more or less than 2000 lbs. You will be shipped and billed for actual pounds made. Smaller special orders for dry clay are available upon request.
- CONSISTENCY:** We will pug your moist clay as close as possible to the firmness you specify.
- ORDER TIME:** Custom and special order clays need to be properly integrated into our production schedule. Please allow 14 to 21+ days for production of your special order.
- PACKAGING:** Moist clays are packaged in two twenty-five pound plastic bags per 50 lb. box. Dry clays are packaged in 50 lb. paper sacks. Any special packaging request must accompany order and may be subject to an additional charge.
- PRICES:** The price quoted for your clay formula is based on the current cost of raw materials. Pricing will be adjusted accordingly. If credit is not established with Laguna Clay, payment arrangements must be made in advance.
- TESTING:** Special clays are test fired in our laboratory before shipping, and the test fired tile is kept on file for future reference. **All clays should be tested in your kiln before using for production, since firing conditions will vary.**



WESTERN U.S. PREPARED CLAYS

These clays are manufactured at the Laguna-California facility and are distributed through Laguna's Los Angeles, CA and Byesville, OH facilities.

CONE 10 PREPARED STONEWARE CLAYS



Although clays are categorized in this section by Cone 10, most Laguna clays have a fairly broad firing range.

WC-368 S-60	Laguna S-60 is an excellent throwing, medium-coarse clay made with 60 mesh sand. Good for a wide range of ware or production pottery. Fires buff in oxidation and light brown in reduction. Also very popular for Raku.
WC-369 ROD'S MIX	Similar to WC-823 Rod's Bod, but very little speckling.
WC-370 AMADOR	An outstanding, all-purpose, orange/brown, moist body. Has fine sand and is a difficult body to crack during firing. Durable and affordable. Good for professional or student. Reduces a warm orange/brown, lighter in oxidation.
WC-371 BIG POT	Coarse body designed specifically for use with large ware in mind. 30 to 60 mesh sand and grog in this body allow for throwing tall, hollow forms. Fires brown reduced and buff oxidized. Also suitable for hand construction.
WC-372 BIG RED	A coarse, deep red/brown reduction clay that is lighter in oxidation. Throws well and can be used for hand construction. Same texture as Big Pot.
WC-373 DARK BROWN	A medium coarse, dark clay with 60 mesh sand. Turns deep brown in reduction and brown in oxidation. Good for various forming techniques.
WC-376 L.B. BLEND	One of our most popular clays, Long Beach Blend is an excellent, very fluid throwing clay, which is also extremely popular for throwing open forms—small to large. It is brownish-pink in its raw form, light brown reduced and buff in oxidation. The formula includes iron and 60 mesh sand.
WC-378 MAYA RED	A medium red clay with 60 mesh sand that fires light orange/tan in oxidation and red/brown in reduction. Various construction techniques are applicable.
WC-409 CA-2	All-around stoneware with medium to fine grog. A blend of California and Missouri fireclays. Very plastic body. Fires orange-brown in reduction.
WC-427 HBCA	One of our customers came up with this blend which combines the best qualities of California and Missouri fireclays. Excellent throwing stoneware. A very plastic body which is orange-brown with slight speckling in reduction.
WC-431 LBW-70	A popular version of L.B.Blend without any added iron and made smoother with fine sand. Fires to a toasty golden color in reduction.
WC-809 SOLDATE-30	Soldate-30 is gray in the raw form with a high sand content which makes it an ideal choice for large thrown pieces and sculptural forms. Fires to a yellow-brown color under medium reduction. It has a very coarse texture.
WC-811 JSRH	A coarse, red clay body containing both sand and grog. It has good strength and plasticity for throwing medium to large pieces. JSRH fires to a nice orange-brown color under light to medium reduction.
WC-823 ROD'S BOD	Gray in the raw form with a medium sand texture. A popular body for general purpose use. Large and thick-walled pieces are prone to cracking. In light to medium reduction, Rod's Bod fires to a warm brown with iron specks which generally bleed into glazes forming brown specks.
WC-835 DEATH VALLEY RED	A medium-coarse textured, reddish clay. It is similar to Rod's Bod in throwing qualities, but fires to a darker brown color and has the same iron speckling. Death Valley Red is a good clay for small to medium pottery.
WC-843 SOLDATE-60	This clay is the same formula as Soldate-30, but contains finer 60 mesh sand. The texture is medium coarse.
WC-872 LOS ALTOS BLEND	This is a slightly coarse clay which contains 60 mesh sand. It has excellent properties for all forming methods, and fires to a rich orange-brown color in medium reduction.
WC-885 GRANITE	Granite is a gray clay with black specks which strongly resembles its name in appearance. Excellent for small to medium wheel throwing, and handbuilding. Fires gray with black specks in reduction and a lighter gray with black specks in oxidation.
WC-895 REFRACTORY BODY	Low expansion, semi-coarse high temperature body for refractory use. Best refractory quality when fired at Cone 13.

NEW

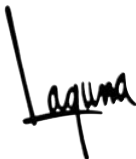
WESTERN U.S. PREPARED CLAYS

CONE 10 PREPARED WHITE STONWARE AND PORCELAIN CLAYS



Although clays are categorized in this section by Cone 10, most Laguna clays have a fairly broad firing range.

WC-379 B-MIX	A premier, cream-white, throwing clay that is easy to throw and form. Excellent glaze results. Fires gray/white in reduction and lighter in oxidation. Smooth porcelain texture.
WC-380 B-MIX WITH SAND	The addition of 10% fine feldspathic sand allows for a body with some texture. Fires gray/white when reduced and off-white when oxidized, some speckling may occur.
WC-381 BIG WHITE	A gray/white clay with large throwing properties. 60 mesh sand and 30 to 60 mesh grog allow for strength. Fires gray in reduction and light buff/white in oxidation. Also excellent for Raku.
WC-382 HALF AND HALF	This clay combines white stoneware and porcelain in equal proportions. The result is a very throwable white body that is tinted a light gray/white in reduction and slightly off-white in oxidation. Made with fine sand.
WC-383 LW	Light color, semi-textured multipurpose body with fine sand. Fires very light gray/white with small specks reduced and off-white in oxidation. Slightly open body may not be suitable for functional ware under some conditions.
WC-384 DAVE'S PORCELAIN	An outstanding throwing body. Ideal for thin walls and larger pieces, and excellent for slab use and when a vitreous clay is desirable. Light gray in reduction, off-white in oxidation.
WC-385 S PORCELAIN	Contains no ball clay for an outstanding clean, semi-translucent body that is smooth and responsive. Avoid too much water while throwing. Fires white in oxidation and off-white in reduction.
WC-387 WS-10	A light gray clay with fine sand. Fires off-white in oxidation and light gray with some speckling in reduction. Slightly open body may not be suitable for functional ware under some conditions.
WC-389 WSO	An interesting light gray body with fine sand. A Cone 10 (and higher) clay which fires off-white in oxidation and gray/white in reduction. Also good for Raku at low temperature. Care should be taken at high fire use in functional ware. Slightly open body even at Cone 10.
WC-412 STONY WHITE	White stoneware with a stony mottled look in reduction. Good throwing clay suitable for dinnerware with lower than average shrinkage.
WC-415 ENGLISH PORCELAIN	A grolleg porcelain body with excellent throwing properties. Very translucent with minimal warpage.
WC-428 BABU	A grolleg porcelain. Very white in oxidation and good for dinnerware.
WC-838 KAI PORCELAIN	A good porcelain for wheel thrown forms because of its strength, durability and plasticity. Kai fires white in oxidation and eggshell in reduction.
WC-841 DANISH WHITE	This white stoneware body is a good choice for small to medium work. It has exceptional strength and plasticity. Danish White fires off-white in oxidation and grayish in reduction. It has a smooth texture.
WC-842 DANISH WHITE WITH SAND	The addition of sand to Danish White adds greater strength for throwing larger pieces. The fired color is the same, but the texture is slightly coarse.
WC-879 WINDSOR PORCELAIN	A grolleg kaolin formulated Cone 10 porcelain excellent for large or small forms. Translucent when construction is thin and fired to Cone 10. The color is white in oxidation and off-white in reduction.
NEW WC-893 B-MIX WITH GROG	The substitution of a very fine grog for the sand in B-Mix with Sand provides a smoother fired texture and less speckling.
NEW WC-894 HALF AND HALF SC	The traditional Half and Half made with a cleaner sand for less speckling.
NEW S-2926 SOUTHERN ICE	A very white, translucent porcelain. This body has excellent throwing characteristics due to a manufacturing process that includes blunging and filter pressing. Only available unboxed in 20# pugs.



WESTERN U.S. PREPARED CLAYS**CONE 5 PREPARED STONEWARE CLAYS, continued**

Although clays are categorized in this section by Cone 5, Laguna clays have a fairly broad firing range.

WC-861 HAGI PORCELAIN	Hagi is a good Cone 5 porcelain clay for throwing small pieces and handbuilding. It has a smooth texture. Hagi fires white in oxidation and off-white in reduction.
WC-864 WESTSTONE 2	This is a good, general purpose light red clay body. It has good strength for both wheel throwing and handbuilding. The texture is slightly coarse and the fired color is yellow/brown in oxidation and a warm brown under light to medium reduction.
WC-866 ELECTRIC BROWN	This clay was designed specifically to achieve a rich brown color when fired in an electric kiln. It has good strength for both wheel throwing and handbuilding. Contains 60 mesh sand so the texture is slightly coarse. We do not recommend that Electric Brown be fired in reduction.
WC-871 CALICO	This is a good, general purpose clay that works well for all forming methods. Specks generally bleed into glazes. 60 mesh sand gives a medium texture. Fired at Cone 5, the oxidation color is gray/buff and the reduction color is gray/brown.
WC-877 DOVER WHITE	This Cone 5 white stoneware body is excellent for medium pieces as well as dinnerware. The addition of fine sand gives a great deal of strength to this plastic body. Fires off-white in oxidation and gray in reduction.
WC-881 RED CALICO	This clay body is a rich red version of our Calico clay. Fires brick red in oxidation and red/brown in reduction.

CONE 06 PREPARED CLAYS


Although clays are categorized in this section by Cone 06, most Laguna clays have a fairly broad firing range.

CN-301 MCP ARTWARE	A popular low fire, high talc body which combines the best of the California and Texas talcs. Long a favorite with our casting body customers, MCP is now available in a similar white moist body.
EM-207 RED	Comparable in texture and working properties to EM-210, but fires to a reddish earthenware color. This clay is often used for terra cotta work.
EM-210 WHITE	This is an all-purpose, smooth modeling clay. It is an excellent clay for beginning techniques such as coil and slab building. The white color makes it an ideal clay for use with Low Fire glazes.
EM-207J RED JR. & EM-210J WHITE JR.	These 5 lb. Junior packages are available in red or white. They come packaged in a box with instructions for coil building, slab rolling, pinch pots and much more. The perfect introduction to working with clay.
EM-211 WHITE NO TALC	A low fire white clay formulated without talc which has similar qualities to our popular EM-210.
EM-212 WHITE W/ SAND	The same formula as EM-210 but with the addition of 60 mesh sand to add strength for larger forms.
EM-214 BUFF W/ SAND	A buff-colored modeling clay with sand which makes it one of the best of the low fire clays for working on the potter's wheel. It is also stronger for larger sculptural pieces.
EM-215 TERRA COTTA SCULPTURE	This coarse, sandy, red clay was specifically formulated for sculpture work. It is also an excellent clay for throwing on the wheel. It has exceptional strength and fires to a rich red/orange color.
EM-217 WED	This clay has been specifically formulated to be a very smooth, slow drying clay for modeling. It is used primarily by design studios and the entertainment industry for modeling, design, mock-up and tooling. Not formulated to be fired.
EM-234 RED SCULPTURE	A Cone 06, red sculpture body engineered for large items where variation in wall thickness is a concern. Ideal for handbuilding, murals, decorative columns, tile, etc. Minimal warping, shrinkage and cracking.
EM-330 LAGUNA 06 WHITE	A smooth, white clay that is pugged soft. Basic talc body. Very smooth off-white in oxidation.
EM-334 WARDS 06 RED	A smooth, pliable red clay which fires to a light brick red in oxidation only.



WESTERN U.S. PREPARED CLAYS

CONE 06 PREPARED CLAYS, continued

EM-335 06 #5 PRESSING	Basic Cone 06 talc body for production pressing of all shapes.
EM-338 06 RED DE	A smooth clay that has many uses and is very workable for a low fire red clay. It is a medium red color in oxidation firing.
EM-342 WHITEWARE	This low fire, white earthenware body has good throwing qualities and fires very strong and white.
EM-343 R-2 RED	This outstanding Ohio red clay earthenware formula is excellent for throwing, has good strength, and works well for Majolica ware. Fires warm red in oxidation from Cone 06 to Cone 2.
EM-344 R-2 RED w/ GROG	R-2 Red with fine to medium grog added makes this low fire, red body particularly well-suited for handbuilding, throwing or sculpting small to medium-sized pieces.
EM-347 WHITEWARE w/ GROG	Same clay as Whiteware with fine grog added. A favorite in the classroom and excellent for both handbuilding and wheel work.
 EM-348 06 #8 PRESSING	A modified version of our popular pressing clay EM-335. This clay contains an additional mineral which enhances the ability of the clay to release organic gasses during firing, reducing pin holing. For production pressing or extruding.

CONE 06 PREPARED RAKU CLAYS



Raku is an ancient method of firing pottery which originated in Japan centuries ago. It evolved in conjunction with the philosophy of Zen Buddhism and developed as an important part of the traditional Japanese tea ceremony. Briefly, the process involves the application of glaze to a bisque-fired pot, which is then placed in a preheated kiln. When the glaze melts, (about Cone 06), the pot is removed and placed in a container with combustible material. The container is covered and the pot is allowed to reduce for a while, then it is removed and sometimes submerged in a bucket of water to cool. The effects created by the smoky atmosphere are usually unpredictable but exciting.

WC-548 RAKU THROWING	This clay has been formulated to withstand the thermal shock of Raku firing. It has a heavy sand content yielding a coarse texture. Suited for either handbuilding or wheel throwing.
WC-549 RAKU INDUSTRIAL	A specially formulated body for Cone 06 reduction. This very plastic, medium textured clay is engineered to provide optimum thermal shock resistance for small or large products.
EM-345 RAKU-K WHITE	Medium to fine texture, excellent throwing Raku clay reinforced with kyanite for exceptional thermal shock resistance.

WESTERN U. S. MOIST CLAY SAMPLE KITS



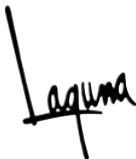
"Which clay is best for my project?" We're asked that question thousands of times each year, and the answer is often a recommendation of several clays for you to try. No one can determine your requirements better than you, and these sample kits are an efficient and economical way for you to evaluate a variety of quality clay bodies. Each kit includes approximately 4 pounds of each of the clay bodies listed below. Study the descriptions and the following characteristics chart, then refer to these sample kits to determine which kit best serves your needs.

LC-100 CONE 10 SAMPLE KIT	Reduction fired color range: reds to browns.	Ship. wt. 36 lbs.
	WC-370 Amador WC-373 Dark Brown WC-409 CA-2	WC-811 JSRH WC-427 HBCA WC-835 Death Valley Red
	WC-372 Big Red WC-378 Maya Red	
LC-101 CONE 10 SAMPLE KIT	Reduction fired color range: white to gray.	Ship. wt. 49 lbs.
	WC-841 Danish White WC-381 Big White WC-389 WSO WC-885 Granite	WC-842 Danish White with Sand WC-382 Half and Half WC-412 Stony White WC-893 B-Mix with Grog
	WC-380 B-Mix with Sand WC-383 LW WC-894 Half and Half SC	
LC-114 CONE 10 SAMPLE KIT	Reduction fired color range: buff to orange.	Ship. wt. 28 lbs.
	WC-371 Big Pot WC-376 L.B. Blend	WC-431 LBW-70 WC-843 Soldate 60 Sand
	WC-823 Rod's Bod WC-872 Los Altos	
LC-102 CONE 10 SAMPLE KIT	Porcelains and smooth stoneware clays. Reduction fired color range: white to gray.	Ship. wt. 36 lbs.
	WC-379 B-Mix WC-415 English White Porcelain	WC-384 Dave's Porcelain WC-428 Babu WC-879 Windsor Porcelain
	WC-385 S Porcelain WC-838 Kai Porcelain S-2926 Southern Ice Porcelain	
LC-103 CONE 5 SAMPLE KIT	Oxidation fired color range: reds to oranges to browns.	Ship. wt. 49 lbs.
	WC-365 Hawaiian Red 2 WC-394 SB Red WC-429 RSMC WC-881 Red Calico	WC-390 Laguna Red Sculpture WC-399 MR-5 WC-864 Weststone 2
	WC-391 B-3 Brown WC-420 Redstone WC-866 Electric Brown	
LC-104 CONE 5 SAMPLE KIT	Oxidation fired color range: white to tans to light browns.	Ship. wt. 49 lbs.
	WC-392 Buff Sculpture WC-397 WS-5 WC-850 52 Buff with Sand WC-877 Dover White	WC-393 L.B.6 WC-401 B-Mix 5 WC-861 Hagi Porcelain WC-436 B-Mix 5 with grog
	WC-395 Porcelain Five WC-402 Half and Half Cone 5 WC-871 Calico	
LC-105 CONE 5 SAMPLE KIT	Oxidation fired color range: soft southwest colors.	Ship. wt. 36 lbs.
	WC-400 Moroccan Sand WC-423 Greystone WC-850 52 Buff with Sand	WC-403 Speckled Buff WC-429 RSMC WC-851 52 Buff
	WC-404 Santa Fe WC-436 B-Mix 5 with Grog	
LC-106 CONE 06 SAMPLE KIT	Oxidation fired color range: reds to oranges to browns.	Ship. wt. 32 lbs.
	EM-207 Red EM-334 Wards 06 Red EM-344 R-2 Red with Grog	EM-215 Terra Cotta Sculpture EM-338 06 Red DE
	EM-234 Red Sculpture EM-343 R-2 Red	
LC-107 CONE 06 SAMPLE KIT	Oxidation fired color range: white to tans.	Ship. wt. 36 lbs.
	CN-301 MCP Artware EM-212 White with Sand EM-342 Whiteware	EM-210 White EM-214 Buff with Sand EM-347 Whiteware with Grog
	EM-211 White No Talc EM-330 Laguna 06 White	
LC-108 CONE 06 SAMPLE KIT	Raku clays.	Ship. wt. 28 lbs.
	EM-345 Raku-K White WC-389 WSO	WC-368 S-60 WC-548 Raku Throwing
	WC-381 Big White WC-549 Raku Industrial	

CLAY SAMPLE BOARDS

Our clay sample boards have fired sample tiles of our stock moist and dry clays. Dimensions are 12" x 18".

MY-112	Prepared high-fire clays, Cone 10 and Cone 5.	Ship. wt. 4 lbs.
MY-113	Prepared low-fire earthenware clays, Cone 06; Slip casting bodies, Cone 10 to 06; and porcelain slips, Cone 5 to 6.	Ship. wt. 4 lbs.
MY-120	Laguna fine porcelain slips, Cone 5 to 6.	Ship. wt. 4 lbs.



WESTERN U.S. MOIST PREPARED CLAY CHARACTERISTICS CHART



Although clays are categorized in this section by Cone 10, 5, 06 etc., most Laguna clays have a fairly broad firing range.

CATALOG NO.	CLAY	APROX. CONE	WET COLOR	FIRED COLOR		TEXTURE ¹	PENT. TARGET ² ±1/2	AVERAGE SHRINKAGE ⁴ ± 2%	AVG. WATER ABSORPTION ⁴ ± 2%
				OXIDATION	REDUCTION				
WC-368	S-60	10	TAN	TAN	GRAY/BROWN	MC	7.0	13.5%	2.0%
WC-369	ROD'S MIX	10	LT.GRAY	YELLOW/BUFF	LT.BROWN	MC	7.0	14.0%	1.5%
WC-370	AMADOR	10	ORANGE	LT.ORANGE/BROWN	ORANGE/BROWN	SC	7.0	12.0%	1.3%
WC-371	BIG POT	10	BR/PINK	BUFF	BROWN	C	7.0	10.0%	2.0%
WC-372	BIG RED	10	RED	LT.RED/BROWN	RED/DR.BROWN	C	7.0	10.0%	1.75%
WC-373	DARK BROWN	10	BROWN	BROWN	DEEP BROWN	MC	7.0	12.0%	0.9%
WC-376	L.B. BLEND	10	BR/PINK	BUFF	MED.BROWN	MC	7.0	12.0%	1.0%
WC-378	MAYA RED	10	RED	ORANGE/BUFF	RED/BROWN	MC	7.0	12.0%	1.0%
WC-379	B-MIX	10	CRM/WH	OFF-WHITE	GRAY/WHITE	S	7.0	13.0%	1.2%
WC-380	B-MIX w/SAND	10	CRM/WH	OFF-WHITE	GRAY/WHITE	S	7.0	12.0%	1.2%
WC-381	BIG WHITE	10	GRAY	BUFF/WHITE	GRAY	C	7.0	10.0%	2.7%
WC-382	HALF AND HALF	10	GRAY	OFF-WHITE	GRAY/WHITE	SC	7.0	12.0%	1.7%
WC-383	LW	10	GRAY	OFF-WHITE	GRAY/WHITE	SC	7.0	12.0%	2.5%
WC-384	DAVE'S PORCELAIN	10	WHITE	OFF-WHITE	LT.GRAY	S	7.0	13.0%	0.5%
WC-385	S PORCELAIN	10	WHITE	WHITE	OFF-WHITE	S	7.0	13.0%	0.5%
WC-387	WS-10	10	LT.GRAY	OFF-WHITE	LT.GRAY	SC	7.0	11.0%	1.5%
WC-389	WSO	10	LT.GRAY	OFF-WHITE	GRAY/WHITE	SC	7.0	10.0%	2.6%
WC-409	CA-2	10	ORANGE	YELLOW/ORANGE	ORANGE/BROWN	SC	7.0	12.5-13.0%	0.5%
WC-412	STONY WHITE	10	GRAY/WH	WHITE	GRAY WHITE	SC	7.0	12.0%	1.5%
WC-415	ENGLISH PORCELAIN	10	WHITE	WHITE	WHITE	S	7.0	15.0%	0.5%
WC-427	HBCA	10	ORANGE	YELLOW/ORANGE	ORANGE/BROWN	SC	7.0	12.5-13.0%	0.5%
WC-428	BABU	10	WHITE	WHITE	WHITE	S	7.0	15.0%	0.5%
WC-431	LBW-70	10	LT.GREY	BUFF	LT. BROWN	SC	7.0	12.0%	1.0%
WC-809	SOLDATE-30 SAND	10	LT. GRAY	YEL./BUFF	YELLOW/BROWN	C	7.0	13.5%	2.4%
WC-811	JSRH	10	RED	YELLOW/ORANGE	ORANGE/BROWN	C	7.0	13.0%	2.1%
WC-823	ROD'S BOD	10	LT. GRAY	YELLOW/BUFF	MED. BROWN	MC	7.0	14.0%	1.5%
WC-835	DEATH VALLEY RED	10	RED	ORANGE/BROWN	DARK BROWN	MC	7.0	12.5%	0.8%
WC-838	KAI PORCELAIN	10	LT. GRAY	OFF-WHITE	EGGHELL	S	7.0	12.2%	0.5%
WC-841	DANISH WHITE	10	LT. GRAY	OFF-WHITE	GRAY-WHITE	S	7.0	12.0%	0.8%
WC-842	DANISH WHITE w/SAND	10	LT. GRAY	OFF-WHITE	GRAY-WHITE	SC	7.0	11.8%	1.0%
WC-843	SOLDATE-60 SAND	10	LT. GRAY	YELLOW/BUFF	YELLOW/BROWN	MC	7.0	13.5%	1.75%
WC-872	LOS ALTOS BLEND	10	BRN./PINK	YELLOW/ORANGE	ORANGE/BROWN	MC	7.0	12.5%	1.9%
WC-879	WINDSOR PORCELAIN	10	LT. GRAY	WHITE	OFF WHITE	S	7.0	13.0%	0.5%
WC-885	GRANITE	10	GRAY	LT. GR. SPECKS	GRAY-SPECKS	SC	7.0	11.8%	1.4%
WC-893	B-MIX w/GROG	10	CREAM	OFF-WHITE	GRAY-WHITE	SC	7.0	10.3%	1.0%
WC-894	HALF and HALF SC	10	GRAY	OFF-WHITE	GRAY-WHITE	SC	7.0	10.1%	1.0%
WC-895	REFRACTORY BODY	10-13	GRAY	BUFF	BROWN	SC	7-9	5.0%	N/A
S-2926	SOUTHERN ICE PORCELAIN	10	WHITE	WHITE	GRAY-WHITE	S	7.0	14.7%	0.2%
WC-365	HAWAIIAN RED 2	5	RED	RED BROWN	DK.RED BROWN	SC	6.75	10.5%	4.5%
WC-390	LAGUNA RED SCULPTURE	5	RED	BRICK RED	DARK BROWN	MC	6.75	9.0%	7.7%
WC-391	B-3 BROWN	5	RED/BRN	BROWN/BLACK	BLACK	SC	6.75	10.0%	3.0%
WC-392	BUFF SCULPTURE	5	BUFF	BUFF	DARK TAN	C	6.0	5.0%	10.0%
WC-393	L.B. 6	5	GRAY	LT.GRAY	GRAY/BROWN	MC	6.75	10.0%	3.0%
WC-394	SB RED	5	RED	TILE RED	CHOCOLATE	SC	6.75	10.0%	2.0%
WC-395	PORCELAIN FIVE	3-5	CREAM	OFF-WHITE	GRAY	S	6.75	13.0%	0.5%
WC-397	WS-5	5	GR.WHITE	BUFF/WHITE	GRAY/WHITE	SC	6.75	10.0%	6.0%
WC-398	WS-4	5	GR.WHITE	BUFF/WHITE	GRAY/WHITE	SC	6.75	11.0%	5.0%
WC-399	MR-5	5	BROWN	ORANGE/BUFF	RED BROWN	MC	6.75	10.0%	2.0%
WC-400	MOROCCAN SAND	5	LT.BROWN	SAND/LT.BROWN	BROWN	SC	6.75	12.0%	1.0%
WC-401	B-MIX 5	5	LT. GRAY	CREAM	OFF-WHITE	S	6.75	12.0%	2.3%
WC-402	HALF AND HALF CONE 5	5	LT. GRAY	WHITE	OFF-WHITE	SC	6.75	12.0%	0.5%
WC-403	SPECKLED BUFF	5	RED BRN	BUFF W/ SPECKS	BROWN W/ SPECKS	SC	6.75	12.0%	3.0%
WC-404	SANTA FE	5	RED	GOLDEN TAN	BROWN	SC	6.75	12.0%	5.0%
WC-420	REDSTONE	5-6	RED	RED BROWN	DK.RED BROWN	SC	6.75	10.5%	0.5%
WC-423	GREYSTONE	5-7	GRAY	GRAY WHITE	TAN GRAY	SC	6.75	12.5%	2.5%
WC-429	RSMC	5-6	RED	RED ORANGE	N/A	SC	6.75	12.0%	0.5%
WC-436	B-MIX 5 w/GROG	5	LT. GRAY	OFF-WHITE	GRAY-WHITE	SC	6.75	11.0%	2.75%
WC-850	52 BUFF w/SAND	5	BUFF	BUFF	YELLOW/BROWN	SC	6.75	9.0%	3.5%
WC-851	52 BUFF	5	BUFF	BUFF	YELLOW/BROWN	S	6.75	10.0%	3.5%
WC-861	HAGI PORCELAIN	5	GRAY	WHITE	OFF WHITE	S	6.75	8.5%	0.5%
WC-864	WESTSTONE 2	5	LT. RED	YELLOW BROWN	WARM BROWN	MC	6.75	12.1%	2.2%
WC-866	ELECTRIC BROWN	5	BROWN	WARM BROWN	N/A	SC	6.75	12.5%	0.5%
WC-871	CALICO	5	GRAY	GRAY/BUFF	GRAY/TAN	MC	6.75	13.0%	3.5%
WC-877	DOVER WHITE	5	LT.GRAY	OFF-WHITE	GRAY WHITE	SC	6.75	11.0%	3.5%
WC-881	RED CALICO	5	RED	BRICK RED	DK.RED BROWN	MC	6.75	11.0%	4.0%

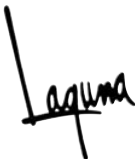
CATALOG NO.	CLAY	APPROX. CONE	WET COLOR	FIRED COLOR		TEXTURE ¹	PENT. TARGET ² ±1/2	AVERAGE SHRINKAGE ⁴ ± 2%	AVG. WATER ABSORPTION ⁴ ± 2%
				OXIDATION	REDUCTION				
CN-301	MCP ARTWARE	06	GRAY	WHITE	N/A	S	6.0	6.0%	16.0%
EM-207	RED (*3)	06	RED	ORANGE/RED	N/A	S	6.0	6.0%	9.0%
EM-210	WHITE (*3)	06	GRAY	WHITE	N/A	S	6.0	5.5%	17.0%
EM-211	WHITE NO TALC	06	GRAY	WHITE	N/A	S	6.0	3.5%	16.0%
EM-212	WHITE w/ SAND	06	GRAY	WHITE	N/A	SC	6.0	5.5%	17.0%
EM-214	BUFF w/ SAND	06	LT. GRAY	BUFF/WHITE	N/A	C	6.0	5.0%	17.0%
EM-215	TERRA COTTA SCULPTURE	06	RED	ORANGE/RED	N/A	C	6.0	6.0%	17.0%
EM-217	WED	N/A	GRAY	BUFF	N/A	S	6.0	5.0%	10.0%
EM-234	RED SCULPTURE	06	RED	RED/BROWN	N/A	C	6.0	4.0%	22.0%
EM-330	LAGUNA 06 WHITE	06	GRAY	WHITE	N/A	S	6.0	6.0%	16.0%
EM-334	WARDS 06 RED	06	RED	BRICK RED	N/A	S	6.0	6.0%	16.0%
EM-335	06 #5 PRESSING	06	GRAY	WHITE	N/A	S	5.25 small	5.0%	15.0%
EM-338	06 RED DE	06	RED	MED.RED	N/A	S	6.0	5.0%	17.0%
EM-342	WHITEWARE	06	GRAY	WHITE	N/A	S	6.0	6.0%	17.0%
EM-343	R-2 RED	06	RED	RED	N/A	S	6.0	6.0%	10.0%
EM-344	R-2 RED w/ GROG	06	RED	RED	N/A	SC	6.0	5.0%	10.0%
EM-347	WHITEWARE w/ GROG	06	GRAY	WHITE	N/A	SC	6.0	5.0%	17.0%
EM-348	06 #8 PRESSING	06	GRAY	WHITE	N/A	S	5.25 small	5.0%	15.0%
WC-548	RAKU THROWING	06	LT.GRAY	BUFF	N/A	C	7.0	6.0%	16.0%
WC-549	RAKU INDUSTRIAL	06	LT.GRAY	LT.TAN	N/A	SC	7.0	6.0%	12.0%
EM-345	RAKU-K WHITE	06	GRAY	WHITE	N/A	SC	6.0	5.0%	17.0%

*1 TEXTURE: S: Smooth, SC: Slightly Coarse, MC: Medium Coarse, C: Coarse. *2 PENTROMETER TARGET: The pentrometer is a device that measures the moisture content (firmness) of clay. Refer to the first page of this section for relative firmness ratings. *3 Also EM-207J and EM-210J. Juniors sold in 5 pound packages. *4 For testing purposes, Cone 10 clays were fired in reduction and Cone 5 and below in oxidation. When fired in oxidation, most clays will have substantially higher absorption. CLAY CHARACTERISTICS ARE BASED ON LABORATORY TESTS AND MAY VARY WITH KILN CONDITIONS. Moist clays are packed in two twenty-five pound plastic bags per fifty pound carton, dry clay in 50 pound paper sacks.

WESTERN U.S. MOIST PREPARED CLAYS PRICE LIST

Prices are F.O.B. Los Angeles, CA. For F.O.B. Byesville, OH add \$.05 per pound.

CAT. NO.	CLAY	50 LBS.	100 LBS.	500 LBS.	1,000 LBS.	1 TON
Cone 10						
WC-368	S-60					
WC-369	ROD'S MIX					
WC-370	AMADOR					
WC-371	BIG POT					
WC-372	BIG RED					
WC-373	DARK BROWN					
WC-376	L.B. BLEND					
WC-378	MAYA RED					
WC-379	B-MIX					
WC-380	B-MIX w/SAND					
WC-381	BIG WHITE					
WC-382	HALF AND HALF					
WC-383	LW					
WC-384	DAVE'S PORCELAIN					
WC-385	S-PORCELAIN					
WC-387	WS-10					
WC-389	WSO					
WC-409	CA-2					
WC-412	STONY WHITE					
WC-415	ENGLISH PORCELAIN					
WC-427	HBCA					
WC-428	BABU					
WC-431	LBW-70					
WC-809	SOLDATE-30 SAND					
WC-811	JSRH					
WC-823	ROD'S BOD					
WC-835	DEATH VALLEY RED					
WC-838	KAI PORCELAIN					
WC-841	DANISH WHITE					
WC-842	DANISH WHITE w/SAND					
WC-843	SOLDATE-60 SAND					
WC-872	LOS ALTOS BLEND					
WC-879	WINDSOR PORCELAIN					
WC-885	GRANITE					
WC-893	B-MIX w/GROG					
WC-894	HALF and HALF SC					
WC-895	REFRACTORY BODY					



CAT. NO.	CLAY	50 LBS.	100 LBS.	500 LBS.	1,000 LBS.	1 TON
Cone 6						
S-3126	FROST CONE 6 PORCELAIN					
Cone 5						
S-2926	SOUTHERN ICE (UNBOXED)					
WC-365	HAWAIIAN RED 2					
WC-390	LAGUNA RED SCULPTURE					
WC-391	B-3 BROWN					
WC-392	BUFF SCULPTURE					
WC-393	L.B. 6					
WC-394	SB RED					
WC-395	PORCELAIN FIVE					
WC-397	WS-5					
WC-398	WS-4					
WC-399	MR-5					
WC-400	MOROCCAN SAND CONE 5					
WC-401	B-MIX 5					
WC-402	HALF AND HALF CONE 5					
WC-403	SPECKLED BUFF					
WC-404	SANTA FE					
WC-420	REDSTONE					
WC-423	GREYSTONE OFF-WHITE					
WC-429	RSMC SPECIAL CONE 5-6					
WC-436	B-MIX 5 w/GROG					
WC-850	52 BUFF w/SAND					
WC-851	52 BUFF					
WC-861	HAGI PORCELAIN					
*WC-864	WESTSTONE 2					
*WC-866	ELECTRIC BROWN					
WC-871	CALICO					
WC-877	DOVER WHITE					
WC-881	RED CALICO					
Cone 06						
CN-301	MCP ARTWARE					
EM-207	RED					
EM-210	WHITE					
EM-214	BUFF w/SAND					
EM-215	TERRA COTTA SCULPTURE					
EM-217	WED					
EM-234	RED SCULPTURE					
EM-330	LAGUNA 06 WHITE					
EM-334	WARDS 06 RED					
EM-335	06 #5 PRESSING					
EM-338	06 RED DE					
EM-342	WHITEWARE					
EM-343	R-2 RED					
EM-344	R-2 RED w/ GROG					
*EM-345	RAKU-K WHITE					
*EM-347	WHITEWARE w/ GROG					
EM-348	06 #8 PRESSING					
WC-548	RAKU THROWING					
WC-549	RAKU INDUSTRIAL					
EM-207J	RED JUNIOR - 5 lb. box					
EM-210J	WHITE JUNIOR - 5 lb. box					

ALL PRICES ARE PER POUND. Minimum order 50 lbs. of any one clay. Please call for pricing on larger quantities of clay. STOCK PREPARED CLAYS (except S-2926) may be combined to determine pound price.

The above clays (except S-2926) are also available in dry form. Specify DRY after the catalog number and add 15% to the pugged price.

EASTERN U.S. PREPARED CLAYS formerly Miller Clays



These clays are manufactured and distributed at the Laguna-Ohio facility.

CONE 10

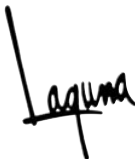
Although clays are categorized in this section by Cone 10, most Laguna clays have a fairly broad firing range.

B-MIX WC-379	A premier, cream-white, throwing clay that is easy to throw and form. Smooth porcelain texture. Fires gray/white in reduction and lighter in oxidation.
#510 WC-618	A very popular white stoneware, #510 is a very plastic, smooth, throwing clay with superior handbuilding and slab properties. Contains fine grog.
#550 WC-631	Made primarily of English Grolleg. Contains plasticizers to make this the finest translucent porcelain available for throwing, thin slab work and handbuilding. Excellent white color. Has become the "standard" in the Northeast U.S.
#560 WC-632	Domestic porcelain of American mined kaolins. Not translucent, but extremely white and relatively plastic. Suitable for throwing, slab and handbuilding.
#570 WC-633	Grolleg porcelain. Similar to #550. A well accepted standard for grolleg clay bodies. Can be fired a little hotter than #550.
#580 WC-620	White stoneware which is good for functional ware, slab work and tile. Substitutes sand for grog and fires slightly gray in reduction.
#590 WC-621	White stoneware. The same body as #580 but very smooth and without sand.
#700 WC-625	A fine-tooth body, neutral toast when fired in reduction. Oxidation-light in color. This clay has excellent throwing properties. A versatile clay for the studio potter.
#750 WC-626	Darker toast reduction clay for wheel, slab and sculpture. Excellent body color. Good texture. Do not over-reduce as it goes too dark.
#850 WC-627	An off-white, typical light stoneware throwing clay. Medium texture for good tooth. Contains fire clay, no additional color.
#900 WC-628	This is considered by many to be the best clay for production pottery. Ideal for those who Sgraffito, wax resist and want a finer texture to minimize picking. Great for planters, etc.
#901 WC-643	A modification of #900. Fine sand is added to maximize stability in firing and drying.
#910 WC-629	This low sulfur body is less prone to bloating than most clays in Cone 10 reduction firings. You will appreciate minimal sulfur odor. Warm toast color in reduction. Similar properties to #900.
#950 WC-630	This clay is formulated for large, hand thrown pots. Very textured. #950 is similar to the West Coast sand bodies - very plastic.
#1050 WC-637	A fireclay /ball clay/grog body used for many years by sculptors in the Southeast. Large sculptures are possible. Large slabs and pots are a snap.

CONE 8

Although clay in this section is categorized by Cone 8, most Laguna clays have a fairly broad firing range.

#310 WC-615	Medium textured throwing clay for oxidation firing. Excellent warm brown body color. This body is used by Eastern Canadian production potters to produce a "true reduction body color" look.
-----------------------	--



EASTERN U.S. PREPARED CLAYS



CONE 6

Although clays are categorized in this section by Cone 6, most Laguna clays have a fairly broad firing range.

B-MIX 5 WC-401	B-Mix 5 offers the same characteristics enjoyed by our Cone 10 B-Mix. Its smooth, porcelain texture is a pleasure to throw and form, and it fires to a cream color in oxidation.
#005 WC-600	An excellent white clay for throwing, hand work and slab. Depends on an eutectic for maturity. Must be fired to Cone 6 to vitrify.
#15 WC-616	Translucent porcelain. An excellent grolleg body for throwing thin pieces.
#16 WC-617	Grolleg Cone 6 porcelain. Similar to #15 with more ball clay, making it less white, more plastic and forgiving. Additional silica reduces crazing in some glazes. Good for slab forming.
#30 WC-601	Terra cotta. A medium texture, plastic red body. Compounded with fireclay and medium grog. Ideal for large sculptures and hand built work, may be thrown on the wheel.
#40 WC-602	Dark buff firing clay. Versatile, medium textured throwing body.
#45 WC-603	Buff stoneware for the production potter. Throwing properties are excellent, also works well in handbuilding and slab work. Fires slightly lighter than #40 buff.
#50 WC-606	Stoneware favorite. Light sand color with fine specks. Excellent Cone 6 throwing body which enhances glaze colors and effects. There is no better all around throwing body available for the stoneware look. Fine specking shows through glazes enhancing the piece.
#55 WC-607	Excellent off-white stoneware clay for wheel work. Minor specking caused by fireclay enhances appearance. Used by many for functional pottery. Neutral glazes are not altered by clay body ingredients allowing for purer glaze color.
#60 WC-608	This clay is compounded to be a stoneware clay with specks that bleed through the glaze, giving the appearance of iron burning through, typical of reduction glazes and clays. A very popular throwing clay for production potters who want to add the speck dimension to their ware.
#65 WC-609	Smooth white stoneware, good for throwing and production of functional whiteware.
#66 WC-610	Same as #65 but includes sand, making it quite desirable for tile, slabs and handbuilding.
#70 WC-611	A very plastic throwing clay, dark in color, featuring heavy specking. Creates excellent glaze effects with dark gray color and specks.
#75 WC-612	A good wheel and handbuilding clay body, dark in fired color at Cone 6. Iron colorants in body enhance most glaze color developments.
#80 WC-613	Similar to #40 but fires to red/brown in oxidation, very plastic for throwing.
#90 WC-614	Formulated with fine grog and red art to obtain rich dark color. Good for outdoor pots as well as functional pottery and sculpture when fired to Cone 6.
#000 WC-639	"Potluck" color. Many of our customers call #000 Utility Clay. Priced right for those who want to stretch their clay budget. Call to determine availability.

CONE 4 to CONE 2

Although clays are categorized in this section by Cone 4 to 2, most Laguna clays have a fairly broad firing range.

#150 EM-112	Similar properties as #100 clay but a reddish brown color. Usually fired to Cone 4.
#100 EM-110	Gray-brown in color, this smooth, plastic "Jordan type" clay is suitable for throwing, sculpting and handbuilding. Usually fired to Cone 2. A good outdoor sculpture and planter clay when fired carefully to Cone 3/4.
#125 EM-111	A brown-black clay perfect for mustaches, belts and other features on sculptures or thrown pieces. Not recommended above Cone 2.

EASTERN U.S. PREPARED CLAYS



CONE 06

Although clays are categorized in this section by Cone 06, most Laguna clays have a fairly broad firing range.

- #10**
EM-100 Smooth, plastic, talc free white firing clay, suitable for throwing and sculpture. Ideal for beginners and schools. Most low fire commercial glazes fit this body, and EM-2134 clear glaze is formulated to work with this body.
- #10-G**
EM-101 This clay has the same properties as #10 but with medium grog added for larger thrown and sculpture pieces. Lower shrinkage. EM-2134 clear glaze is formulated to work well with this clay body.
- #10-NW**
EM-102 Similar to the old Newton Potters clay. Higher in talc, and less plastic but very satisfactory for all methods of forming. Excellent for smooth Raku. Commercial glazes fit this clay well. Whiter firing than #10-T.
- #10-T**
EM-103 A smooth, plastic, white body with a small percentage of talc to create an optimum glaze fit. #10-T is very popular among production potters and is also excellent for handbuilding. Its "forgiving" nature has also made #10-T a white clay choice for many teachers. EM-2134 clear glaze is formulated to work well with this clay body.
- #10-VW**
EM-104 This very white, low fire earthenware clay is suitable for all methods of forming. Bisque at 04-05. Glaze at Cone 06. Fits most commercial glazes.
- #12**
EM-105 A low fire, plastic talc body. Fires buff in oxidation. Very good for both handbuilding and throwing, and popular with teachers and schools.
- #20**
EM-106 A smooth, plastic, terra cotta colored clay for wheel throwing and excellent for handbuilding as well. Fires to a rich terra cotta red. EM-2134 clear glaze is formulated to work well with this clay body.
- #20-G**
EM-107 #20-G has the same properties as #20 with a fine grog added for slightly less shrinkage and improved workability. EM-2134 clear glaze is formulated to work well with this clay body.
- #26**
EM-109 Low fire terra cotta sculpture body containing both grog and sand. Great for tiles. Excellent for outdoor applications when fired to Cone 1.

RAKU CLAYS

- #200**
WC-635 Heavily grogged raku clay formulated to resist thermal shock. Works well under the toughest conditions.
- #250**
WC-636 A smoother raku body than #200.

SELF-HARDENING CLAYS

- Mexo-Red**
WC-640 Suitable for throwing, coiling and sculpting. Allow for some shrinkage. Uniform thickness is desirable and may be achieved by hollowing out sections of greatest mass. To maintain workability, store Mexo in an air-tight container until work is completed. Air dries quite well. Do not fire! Finish with acrylic paints.
- &**
- Mexo-White**
WC-641

MOIST CLAY SAMPLE KITS

LC-109 CONE 10

WC-618 #510	WC-631 #550
WC-620 #580	WC-621 #590
WC-627 #850	WC-629 #910
WC-637 #1050	WC-379 B-MIX 10

LC-110 CONE 6

WC-617 #16	WC-602 #40
WC-606 #50	WC-607 #55
WC-608 #60	WC-609 #65
WC-610 #66	WC-613 #80

LC-111 CONE 06

EM-100 #10	EM-101 #10G
EM-102 #10NW	EM-103 #10T
EM-105 #12	EM-106 #20
EM-107 #20G	EM-109 #26

Sample kit ship. wt. 50 lbs. ea.

CLAY SAMPLE BOARD

MY-135 Eastern U.S. Prepared Clays, Cone 10 to 06.

Ship. wt. 4 lbs.



EASTERN U.S. PREPARED CLAY CHARACTERISTICS CHART



Although clays are categorized in this section by Cone 10, 6, 06 etc., most Laguna clays have a fairly broad firing range.

CLAY	CATALOG NO.	APROX. CONE	WET COLOR	FIRED COLOR			TEXTURE ¹	CONSISTENCY ²	AVERAGE SHRINKAGE ³	AVG. WATER ABSORPTION ³
				OXIDATION	REDUCTION				± 2%	± 1%
B-Mix	WC-379	10	Cr. White	Off-White	Gray/White	S	5.5	13.0	1.0	
#510	WC-618	8-10	Light Gray	White	Gray	S	5	13.0	1.0	
#550	WC-631	10	White	White	Gray/White	S	5.5	14.75	0.3	
#560	WC-632	10	White	White	Gray/White	S	5.5	13.5	2.2	
#570	WC-633	10	White	White	Gray/White	S	5.5	14.7	0.6	
#580	WC-620	10	Gray	White	Gray	SG	5	14.3	1.9	
#590	WC-621	10	Gray	White	Gray	S	5	14.3	0.7	
#700	WC-625	10	Red/Brown	Buff/Tan	Orange/Brown	SC	5	14.2	1.3	
#750	WC-626	10	Tan/Brown	Tan	Dark Orange/Brown	SC	5	14.5	0.7	
#850	WC-627	10	Gray	Off White/Tan	Gray	S	5	14.5	0.31	
#900	WC-628	10	Red/Brown	Buff	Orange/Brown	SC	5	12.7	0.6	
#901	WC-643	10	Red/Brown	Buff	Orange/Brown	MC	5	12.7	0.6	
#910	WC-629	10	Red/Brown	Buff	Orange/Brown	SC	5	12.4	0.55	
#950	WC-630	10	Red/Brown	Buff	Light Orange/Brown	MC	5	12.0	2.1	
#1050	WC-637	10	Tan/Gray	Buff	Orange	MC	5	10.2	2.2	
#310	WC-615	8	Red/Brown	Brown	N/A	SC	5	11.2	1.95	
B-Mix 5	WC-401	5	Lt. Gray	Cream	N/A	S	5.5	12.0	2.75	
#005	WC-600	6	White	White	N/A	S	5.5	13.0	1.0	
#15	WC-616	6	White	White	N/A	S	5.5	14.9	0.09	
#16	WC-617	6	Very Lt. Gray	White	N/A	S	5.5	13.9	0.12	
#30	WC-601	6	Red	Terra Brown	N/A	MC	5	11.0	2.9	
#40	WC-602	6	Light Brown	Darker Buff	N/A	S-Fire Clay	5	11.9	2.87	
#45	WC-603	6	Darker Brown	Buff	N/A	SC	5	11.6	2.9	
#50	WC-606	6	Gray	Speckled Tan	N/A	S-Fire Clay	5	12.0	2.93	
#55	WC-607	6	Gray	Light Buff	N/A	S-Fire Clay	5	10.8	1.9	
#60	WC-608	6	Gray	Speckled Tan	N/A	SC	5	10.9	1.7	
#65	WC-609	6	Light Gray	Off-White	N/A	S	5	13.0	1.0	
#66	WC-610	6	Light Gray	Off-White	N/A	SC	5	12.5	1.5	
#70	WC-611	6	Brown	Brown w/ Specs	N/A	SC	5	12.5	1.35	
#75	WC-612	6	Brown	Brown	N/A	SC	5	12.5	1.37	
#80	WC-613	6	Red/Brown	Red/Brown	N/A	S	5	14.0	0.5	
#90	WC-614	6	Red/Brown	Red/Brown	N/A	SC	5	13.0	0.9	
#000-Utility	WC-639	6	Varies	Varies	N/A	—	4.5	—	—	
#150	EM-112	4	Red/Brown	Red/Brown	N/A	SC	5	11.5	3.0	
#100	EM-110	2-4	Gray	Dark Brown	N/A	SC	5	12.0	—	
#125	EM-111	2	Dark Brown	Dark Brown/Black	N/A	S	5	11.0	3.6	
#10	EM-100	06	Gray	White	N/A	S	5	8.0	11.5	
#10-G	EM-101	06	Gray	White	N/A	MC	5	7.8	11.5	
#10-NW	EM-102	06	Gray	White	N/A	S	5	8.4	11.0	
#10-T	EM-103	06	Gray	White	N/A	S	5	8.2	11.1	
#10-VW	EM-104	06	White	Very White	N/A	S	5	8.0	11.2	
#12	EM-105	06	Tan	Buff	N/A	S	5	7.0	12.0	
#20	EM-106	06	Red	Terra Cotta	N/A	S	5	8.5	11.0	
#20-G	EM-107	06	Red	Terra Cotta	N/A	MC	5	8.0	11.5	
#26	EM-109	06	Red	Terra Cotta	N/A	C	5	8.5	5.0	
#200	WC-635	Raku	Tan/Gray	Buff	N/A	C	5	—	—	
#250	WC-636	Raku	Tan/Gray	Buff	N/A	MC	5	—	—	
Mexo-Red	WC-640	Self-Hard	Terra Cotta	—	N/A	S	4	—	—	
Mexo-White	WC-641	Self-Hard	White	—	N/A	S	4	—	—	

¹ TEXTURE: S: Smooth, SC: Slightly Coarse, MC: Medium Coarse, C: Coarse.

² CONSISTENCY: Because a different type of measuring equipment is used at Laguna's Ohio factory than is used at our California factory, the relative firmness indicated in this column should not be compared to the penetrometer target firmness provided on the clay characteristics chart listed previously in this catalog. Furthermore, soft, standard and firm in this chart are relative to clay firmness as historically accepted in the eastern U.S. For the purpose of this chart, the following firmness ratings apply: 4.25 - soft; 5 - standard; 6 - firm.

³ For testing purposes, Cone 10 clays were fired in reduction and Cone 5 and below in oxidation. When fired in oxidation, most clays will have substantially higher absorption.

CLAY CHARACTERISTICS ARE BASED ON LABORATORY TESTS AND MAY VARY WITH KILN CONDITIONS.

Moist clays are packed in two twenty-five pound plastic bags per fifty pound carton.

EASTERN U.S. PREPARED CLAY PRICE LIST

Prices are F.O.B. Byesville, OH.

CLAY	CATALOG NO.	50 LBS	100 LBS.	500 LBS.	1,000 LBS.	2,000 LBS.
B-Mix	WC-379					
#510	WC-618					
#550	WC-631					
#560	WC-632					
#570	WC-633					
#580	WC-620					
#590	WC-621					
#700	WC-625					
#750	WC-626					
#850	WC-627					
#900	WC-628					
#901	WC-643					
#910	WC-629					
#950	WC-630					
#1050	WC-637					
#310	WC-615					
B-Mix 5	WC-401					
#005	WC-600					
#15	WC-616					
#16	WC-617					
#30	WC-601					
#40	WC-602					
#45	WC-603					
#50	WC-606					
#55	WC-607					
#60	WC-608					
#65	WC-609					
#66	WC-610					
#70	WC-611					
#75	WC-612					
#80	WC-613					
#90	WC-614					
#000-Utility	WC-639					
#150	EM-112					
#100	EM-110					
#125	EM-111					
#10	EM-100					
#10-G	EM-101					
#10-NW	EM-102					
#10-T	EM-103					
#10-VW	EM-104					
#12	EM-105					
#20	EM-106					
#20-G	EM-107					
#26	EM-109					
#200	WC-635					
#250	WC-636					
Mexo-Red	WC-640					
Mexo-White	WC-641					

ALL PRICES ARE PER POUND. Minimum order 50 lbs. of any one clay. Please call for pricing on larger quantities of clay. STOCK PREPARED CLAYS may be combined to determine pound price.

