

CHART OF CLAY BODY COLORANTS AND PERCENTAGES

Fired Body Color	Colorant	Percentages
Black	Black iron oxide	8.0%
	Manganese dioxide	3.0%
	Cobalt oxide	1.0%
Blue (light)	Cobalt oxide	2.5%
Blue (medium)	Cobalt oxide	5.0%
Blue (dark)	Cobalt oxide	7.5%
Brown (light with specks)	Manganese dioxide	3.2%
Brown (medium)	Red iron oxide	8.2%
Brown (medium with specks)	Manganese dioxide	6.2%
Brown (dark hue with specks)	Manganese dioxide	8.5%
Buff (with specks)	Ilmenite	6.0%
	Ilmenite granular	2.0%
Buff (yellowish)	Yellow ochre	2.0%
Cream	Antimony	5.0%
Gray-blue	Black base stain	
Gray (light hue with specks)	Manganese dioxide	2.5%
	Iron chromate	2.1%
Gray (brown hue)	Copper oxide	3.1%
	Cobalt oxide	0.9%
Gray (brown hue)	Copper oxide	2.2%
	Red iron oxide	2.1%
Gray (cool brown hue)	Iron chromate	6.1%
Gray (brown hue with specks)	Iron chromate	3.1%
	Ilmenite	2.1%
Gray (charcoal)	Copper oxide	5.0%
Gray (cool)	Uranium oxide	5.0%
Green (light)	Chrome oxide	2.5%
Green (medium)	Chrome oxide	5.0%
Green (dark)	Chrome oxide	7.5%
Green (gray hue)	Green chrome oxide	3.1%
Green (medium spring hue)	Potassium carbonate	5.0%
Green (spring hue)	Potassium carbonate	3.2%
Olive (pale)	Black copper oxide	2.5%
Olive (medium gray hue)	Green chromium oxide	5.1%
Olive green (dark)	Potassium carbonate	7.5%
Pink (cool)	Black iron oxide	2.0%
Pink (earth)	Red iron oxide	2.0%
Rust-tan	Yellow ochre	5.5%
Rust (tan hue)	Black iron oxide	5.0%
Tan (medium hue)	Nickel oxide	2.1%
Tan (warm)	Rutile	3.0%
Tan (medium warm)	Rutile	6.0%
Tan (dark-warm)	Rutile	8.5%–9.0%
Tan (dark hue)	Nickle Oxide	5.2%
Tan-rust (light)	Red iron oxide	2.5%
Tan-rust (medium)	Red iron oxide	5.0%
White (off-white)	Antimony oxide	2.0%
White (eggshell)	Cadmium sulfide	4.2%

Note. The percentages should always be calculated by the dry body weight of the formula.