

CHART OF ENGOBE COLORANTS AND PERCENTAGES

Fired Result	Oxide	Percentage
Black	Iron oxide	3.0%
	Cobalt oxide	2.0%
	Manganese dioxide	2.0%
	Nickel oxide	2.0%
	Cobalt oxide	0.5%
Blue (light)	Cobalt oxide	1.0%
Blue (medium)	Cobalt oxide	1.5%
Blue (dark)	Cobalt oxide	1.0%
Blue (gray hue)	Iron oxide	2.0%
	Copper oxide	1.5%
Brown (light)	Iron oxide	3.0%
Brown (medium)	Iron oxide	4.5%
Brown (dark)	Iron oxide	6.0%
Brown (speckled)	Manganese dioxide (granular)	3.0%
Brown (purple hue)	Manganese dioxide	6.0%
Cream	Antimony oxide	5.0%
Gray (light)	Iron chromate	1.0%
Gray (medium)	Iron chromate	2.0%
Gray (dark)	Iron chromate	3.0%
Green (light)	Copper oxide	1.5%
Green (medium)	Copper oxide	3.0%
Green (dark)	Copper oxide	4.5%
Tan (light)	Iron oxide	2.0%
Tan (medium)	Iron oxide	3.0%
Tan (dark)	Iron oxide	4.0%
Tan (creamy)	Rutile	6.0%
Tan (creamy and spotted)	Rutile	6.0%
	Rutile (granular)	6.0%
	Vanadium stain	5.0%
Yellow (light)	Vanadium stain	10.0%
Yellow (medium)	Vanadium stain	15.0%
Yellow (dark)	Vanadium stain	4.5%
Yellow (ochre)	Yellow ochre	

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