

Old Orange- Δ 10

Lab 5b-Color Wheel 2



Ceramic
Materials
Workshop

ceramicmaterialsworkshop.com

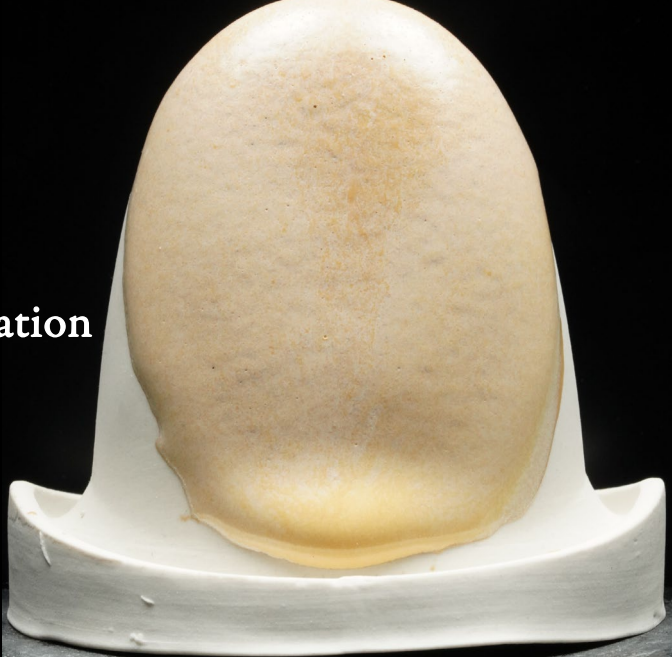
Old Orange

Original
062822-1

Neph Sy	37.51
Whiting	18.67
EPK	9.55
Flint	34.26
Light Rutile	11.11
Water	60



1-3 Second Dip



2-3 Second Dips



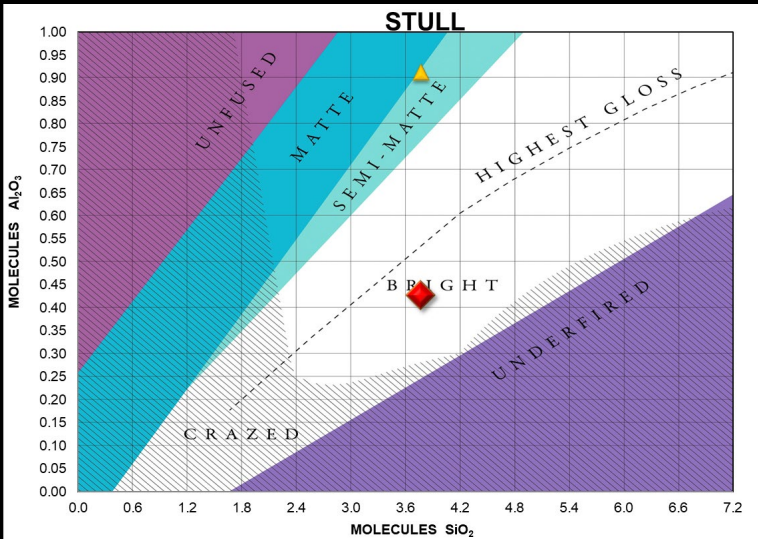
Reduction



Oxidation

UMF

SiO ₂ :Al ₂ O ₃ Ratio 8.81 : 1		Alkali Metals 0.29		Alkaline Earths 0.71	
SiO ₂ 3.77	Collective "Al ₂ O ₃ " 0.43	Na ₂ O 0.23	K ₂ O 0.07	MgO 0.00	CaO 0.69
B ₂ O ₃	Al ₂ O ₃ 0.43	Li ₂ O	CuO	SrO	BaO
TiO ₂ 0.00	NiO	Bi ₂ O ₃	SnO ₂	ZnO	FeO 0.01
Cr ₂ O ₃	ZrO ₂	P ₂ O ₅		MnO ₂	CoO

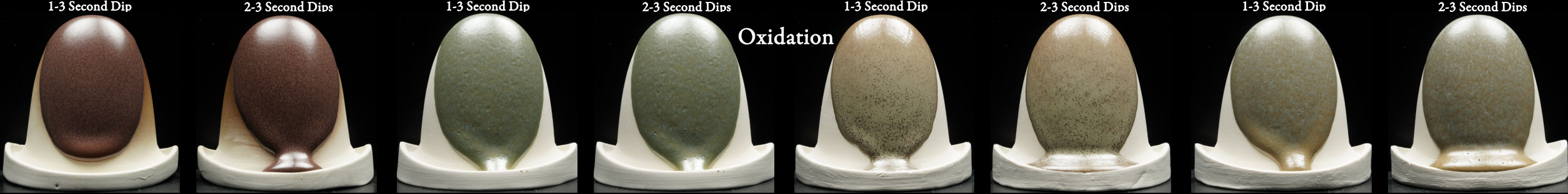


EUMF

SiO ₂ :Al ₂ O ₃ Ratio 4.13 : 1		Alkali Metals 0.29		Alkaline Earths 0.71	
SiO ₂ 3.77	Collective "Al ₂ O ₃ " 0.91	Na ₂ O 0.23	K ₂ O 0.07	MgO 0.00	CaO 0.69
B ₂ O ₃	Al ₂ O ₃ 0.43	Li ₂ O	CuO	SrO	BaO
TiO ₂ 0.49	NiO	Bi ₂ O ₃	SnO ₂	ZnO	FeO 0.01
Cr ₂ O ₃	ZrO ₂	P ₂ O ₅		MnO ₂	CoO



Ceramic
Materials
Workshop



Ceramic
Materials
Workshop

Cobalt Carbonate 1% (+11.11% Light Rutile)

ceramicmaterialsworkshop.com



Ceramic
Materials
Workshop

Chrome Oxide 1% (+11.11% Light Rutile)

ceramicmaterialsworkshop.com



Oxidation

Reduction

Oxidation

Reduction



Ceramic
Materials
Workshop

Copper Carbonate 3% (+11.11% Light Rutile)

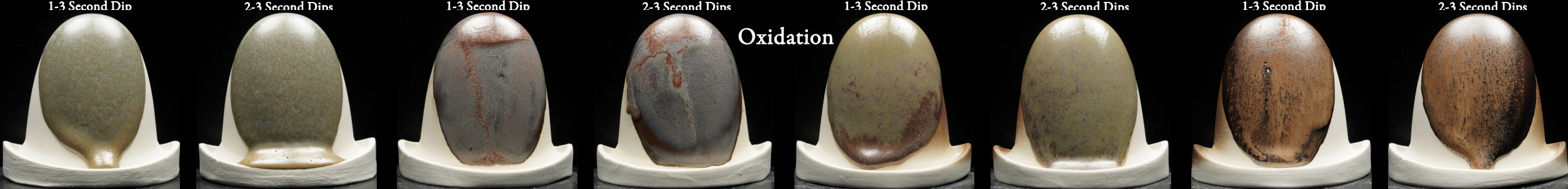
ceramicmaterialsworkshop.com



Ceramic
Materials
Workshop

Red Iron Oxide 6% (+11.11% Light Rutile)

ceramicmaterialsworkshop.com



Cobalt Carbonate 1%

Chrome Oxide 1%

Copper Carbonate 3%

Red Iron Oxide 6%



Nickel Carbonate 2.5%

Titanium Dioxide 6%

Tin Oxide 5%

Zirconium Silicate 10%



Ceramic
Materials
Workshop

Manganese Dioxide 3% (+11.11% Light Rutile)

ceramicmaterialsworkshop.com



Ceramic
Materials
Workshop

Nickel Carbonate 2.5% (+11.11% Light Rutile)

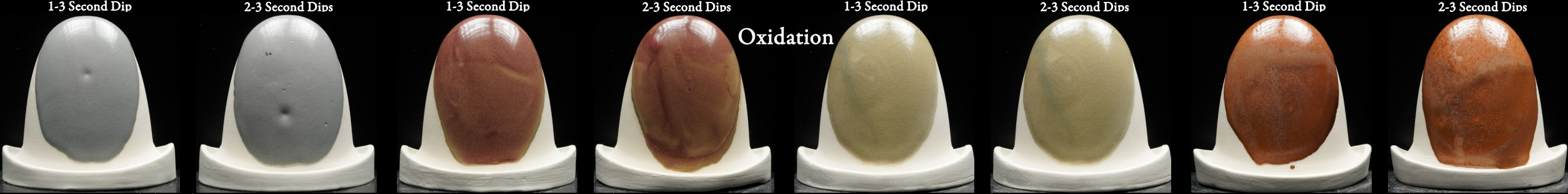
ceramicmaterialsworkshop.com



Ceramic
Materials
Workshop

Titanium Dioxide 6% (+11.11% Light Rutile)

ceramicmaterialsworkshop.com



Cobalt Carbonate 1% Chrome Oxide 1% Copper Carbonate 3% Red Iron Oxide 6%



Manganese Dioxide 3% Nickel Carbonate 2.5% Titanium Dioxide 6% Zirconium Silicate 10%



Ceramic
Materials
Workshop

Tin Oxide 5% (+11.11% Light Rutile)

ceramicmaterialsworkshop.com



Ceramic
Materials
Workshop

Zirconium Silicate 10% (+11.11% Light Rutile)

ceramicmaterialsworkshop.com