

Zinc Pinc- Δ 10

Lab 5b-Color Wheel 2

Zinc Pinc

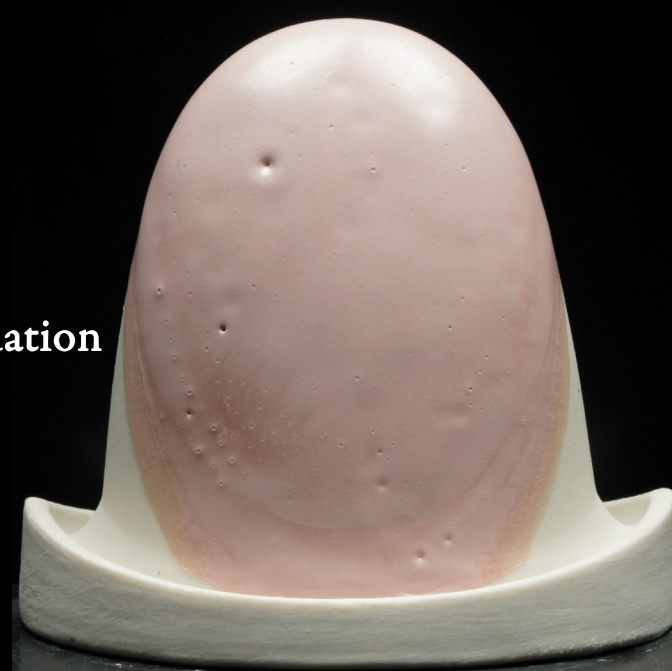
Original

030823-1

Neph Sy	40.00
Zinc Oxide	20.00
EPK	10.00
Flint	30.00
Chrome Oxide	1.00
Water	80



1-3 Second Dip



2-3 Second Dips



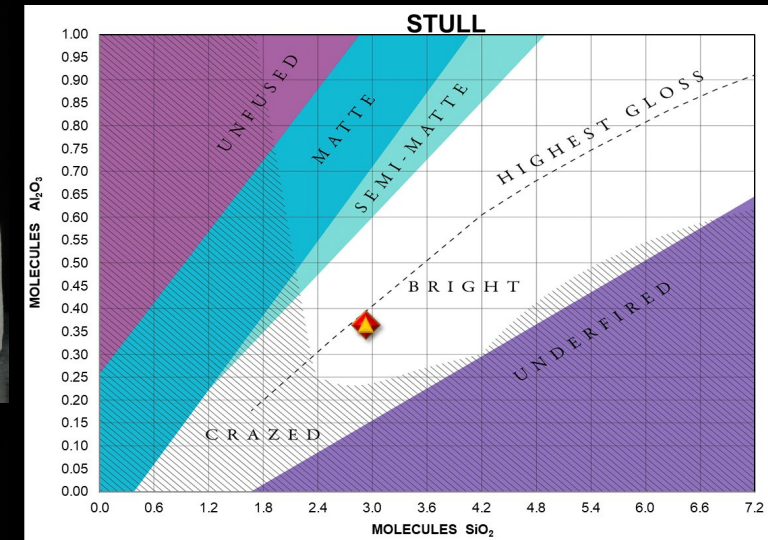
Reduction



Oxidation

UMF

SiO ₂ :Al ₂ O ₃ Ratio 8.00 : 1		Alkali Metals 0.25		Alkaline Earths 0.75	
SiO ₂ 2.93	Collective "Al ₂ O ₃ " 0.37	Na ₂ O 0.20	K ₂ O 0.06	MgO 0.00	CaO 0.01
B ₂ O ₃	Al ₂ O ₃ 0.36	Li ₂ O	CuO	SrO	BaO
TiO ₂ 0.00	NiO	Bi ₂ O ₃	SnO ₂	ZnO 0.73	FeO 0.01
Cr ₂ O ₃	ZrO ₂	P ₂ O ₅		MnO ₂	CoO

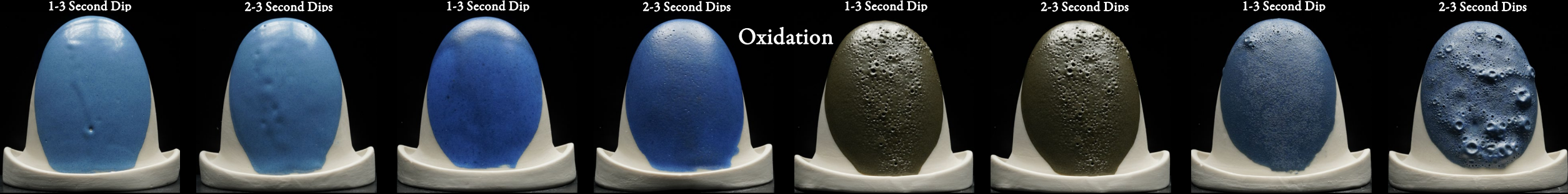


EUMF

SiO ₂ :Al ₂ O ₃ Ratio 8.00 : 1		Alkali Metals 0.25		Alkaline Earths 0.75	
SiO ₂ 2.93	Collective "Al ₂ O ₃ " 0.37	Na ₂ O 0.20	K ₂ O 0.06	MgO 0.00	CaO 0.01
B ₂ O ₃	Al ₂ O ₃ 0.36	Li ₂ O	CuO	SrO	BaO
TiO ₂ 0.00	NiO	Bi ₂ O ₃	SnO ₂	ZnO 0.73	FeO 0.01
Cr ₂ O ₃ 0.02	ZrO ₂	P ₂ O ₅		MnO ₂	CoO



Ceramic
Materials
Workshop



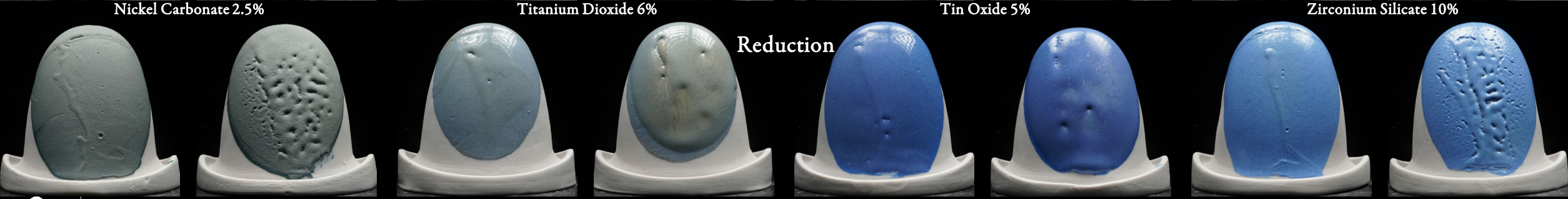
Oxidation



Reduction



Oxidation



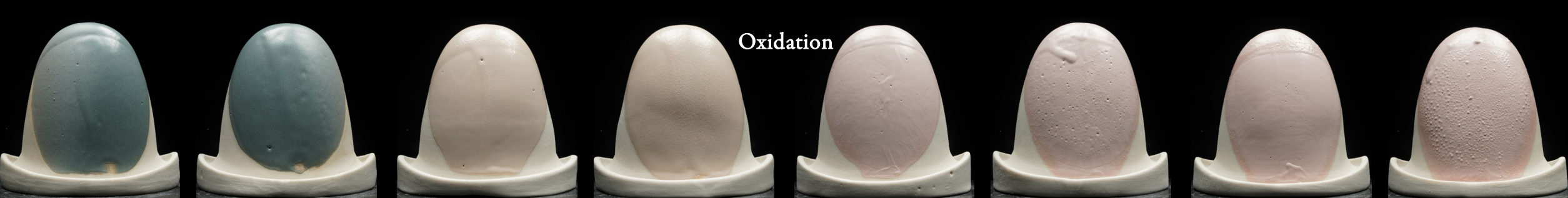
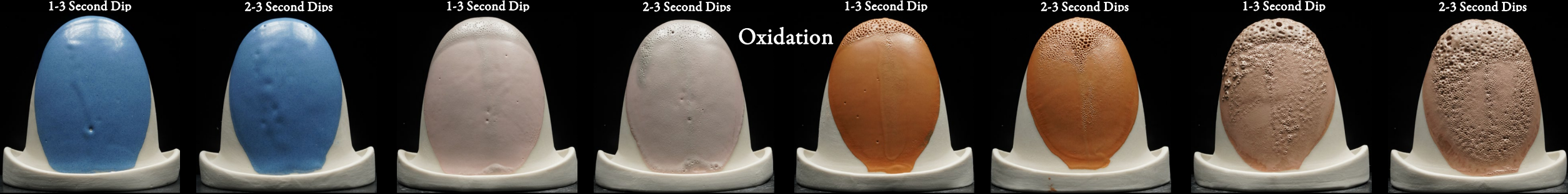
Reduction



Ceramic
Materials
Workshop

Cobalt Carbonate 1%

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Ceramic
Materials
Workshop

Chrome Oxide 1%

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1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips

Oxidation

1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips

Chrome Oxide 1%

Cobalt Carbonate 1%

Red Iron Oxide 6%

Manganese Dioxide 3%

Reduction

Nickel Carbonate 2.5%

Titanium Dioxide 6%

Oxidation

Tin Oxide 5%

Zirconium Silicate 10%

Reduction



Ceramic
Materials
Workshop

Copper Carbonate 3%

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1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips

Oxidation

1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips

Cobalt Carbonate 1%

Chrome Oxide 1%

Copper Carbonate 3%

Manganese Dioxide 3%

Reduction

Oxidation

Nickel Carbonate 2.5%

Titanium Dioxide 6%

Tin Oxide 5%

Zirconium Silicate 10%

Reduction



Ceramic
Materials
Workshop

Red Iron Oxide 6%

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1-3 Second Dio

2-3 Second Dins

1-3 Second Dio

2-3 Second Dins

Oxidation

1-3 Second Dio

2-3 Second Dins

1-3 Second Dio

2-3 Second Dins



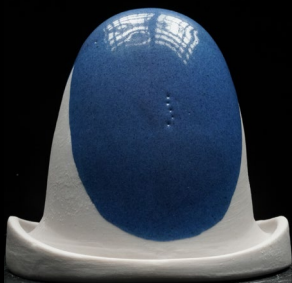
Cobalt Carbonate 1%

Chrome Oxide 1%

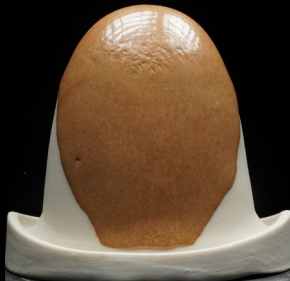
Copper Carbonate 3%

Red Iron Oxide 6%

Reduction



Oxidation



Nickel Carbonate 2.5%

Titanium Dioxide 6%

Tin Oxide 5%

Zirconium Silicate 10%

Reduction



Ceramic
Materials
Workshop

Manganese Dioxide 3%

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1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips

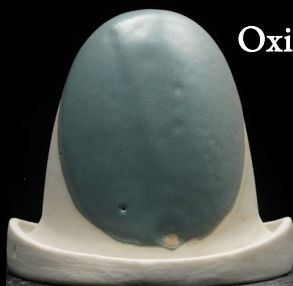
Oxidation

1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips



Cobalt Carbonate 1%

Chrome Oxide 1%

Copper Carbonate 3%

Red Iron Oxide 6%

Reduction



Oxidation



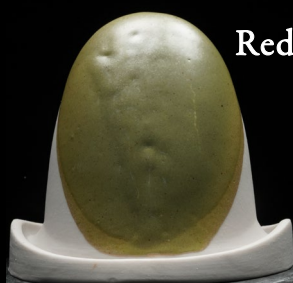
Manganese Dioxide 3%

Titanium Dioxide 6%

Tin Oxide 5%

Zirconium Silicate 10%

Reduction



Ceramic
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Nickel Carbonate 2.5%

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Ceramic
Materials
Workshop

Titanium Dioxide 6%

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1-3 Second Dip

2-3 Second Dips

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2-3 Second Dips

Oxidation

1-3 Second Dip

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2-3 Second Dips



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Chrome Oxide 1%

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Red Iron Oxide 6%

Reduction



Oxidation



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Reduction



Ceramic
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Tin Oxide 5%

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Ceramic
Materials
Workshop

Zirconium Silicate 10%

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