

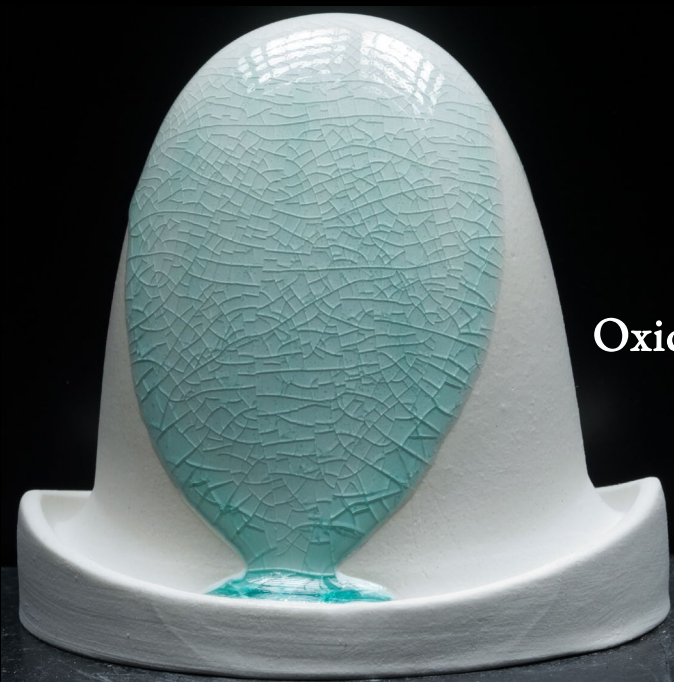
# Birdie's Nest- $\Delta$ 6

Lab 5b-Color Wheel 2

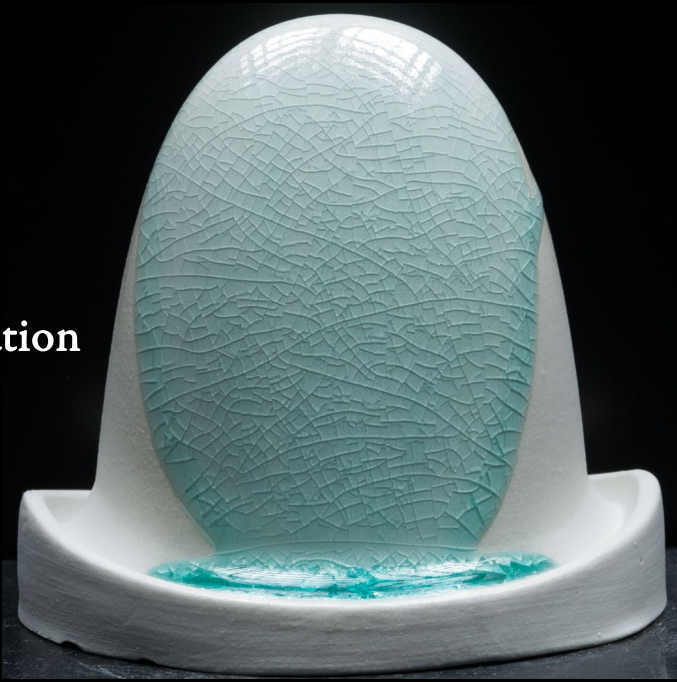
# Birdie's Nest

Original  
070722-1

|                  |       |
|------------------|-------|
| Neph Sy          | 24.36 |
| Dolomite         | 20.28 |
| EPK              | 5.92  |
| Flint            | 17.84 |
| 3134             | 29.59 |
| Bentonite        | 2.01  |
| Copper Carbonate | 0.50  |
| Water            | 60    |



1-3 Second Dip



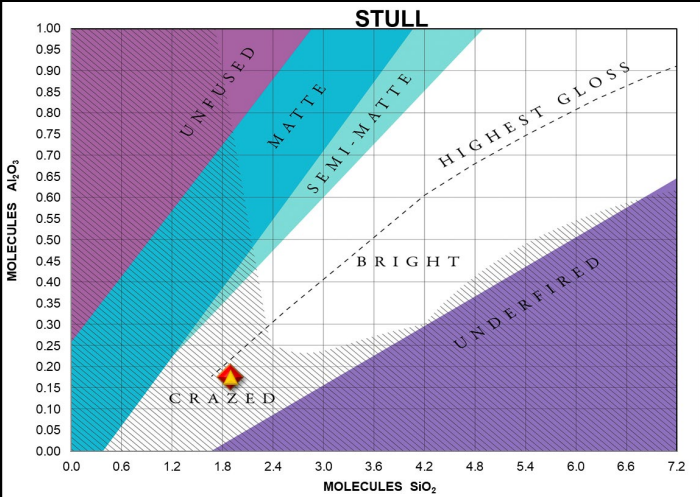
2-3 Second Dips



Reduction

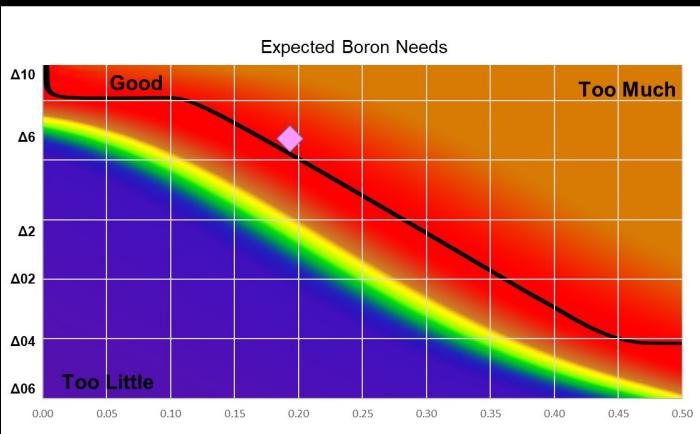
UMF

| SiO <sub>2</sub> :Al <sub>2</sub> O <sub>3</sub> Ratio<br>10.78 : 1 |                                                      | Alkali Metals<br>0.23          |                          | Alkaline Earths<br>0.77 |             |
|---------------------------------------------------------------------|------------------------------------------------------|--------------------------------|--------------------------|-------------------------|-------------|
| SiO <sub>2</sub><br>1.91                                            | Collective "Al <sub>2</sub> O <sub>3</sub> "<br>0.18 | Na <sub>2</sub> O<br>0.20      | K <sub>2</sub> O<br>0.03 | MgO<br>0.25             | CaO<br>0.51 |
| B <sub>2</sub> O <sub>3</sub><br>0.20                               | Al <sub>2</sub> O <sub>3</sub><br>0.18               | Li <sub>2</sub> O              | CuO                      | SrO                     | BaO         |
| TiO <sub>2</sub><br>0.00                                            | NiO                                                  | Bi <sub>2</sub> O <sub>3</sub> | SnO <sub>2</sub>         | ZnO                     | FeO<br>0.00 |
| Cr <sub>2</sub> O <sub>3</sub>                                      | ZrO <sub>2</sub>                                     | P <sub>2</sub> O <sub>5</sub>  |                          | MnO <sub>2</sub>        | CoO         |



EUMF

| SiO <sub>2</sub> :Al <sub>2</sub> O <sub>3</sub> Ratio<br>10.78 : 1 |                                                      | Alkali Metals<br>0.24          |                          | Alkaline Earths<br>0.76 |             |
|---------------------------------------------------------------------|------------------------------------------------------|--------------------------------|--------------------------|-------------------------|-------------|
| SiO <sub>2</sub><br>1.90                                            | Collective "Al <sub>2</sub> O <sub>3</sub> "<br>0.18 | Na <sub>2</sub> O<br>0.20      | K <sub>2</sub> O<br>0.03 | MgO<br>0.25             | CaO<br>0.51 |
| B <sub>2</sub> O <sub>3</sub><br>0.19                               | Al <sub>2</sub> O <sub>3</sub><br>0.18               | Li <sub>2</sub> O              | CuO<br>0.01              | SrO                     | BaO         |
| TiO <sub>2</sub><br>0.00                                            | NiO                                                  | Bi <sub>2</sub> O <sub>3</sub> | SnO <sub>2</sub>         | ZnO                     | FeO<br>0.00 |
| Cr <sub>2</sub> O <sub>3</sub>                                      | ZrO <sub>2</sub>                                     | P <sub>2</sub> O <sub>5</sub>  |                          | MnO <sub>2</sub>        | CoO         |



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1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips

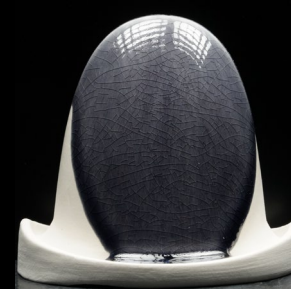
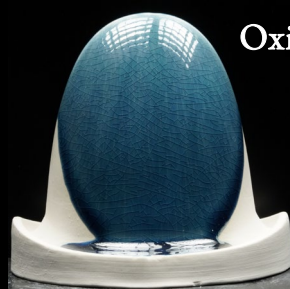
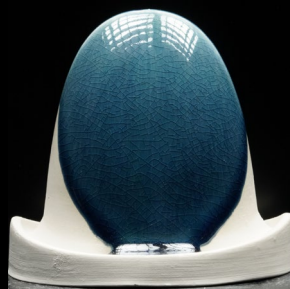
Oxidation

1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips



Chrome Oxide 1%

Copper Carbonate 3%

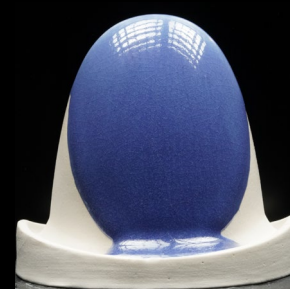
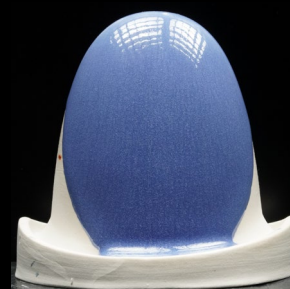
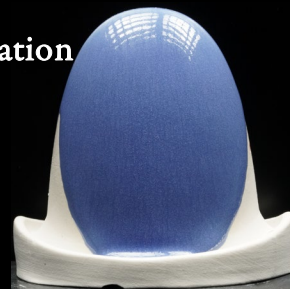
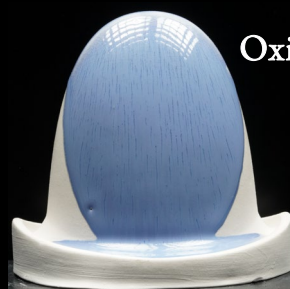
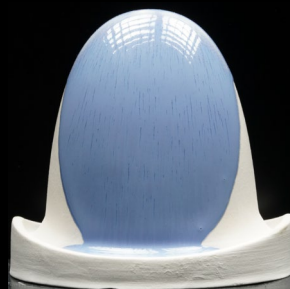
Red Iron Oxide 6%

Manganese Dioxide 3%

Reduction



Oxidation



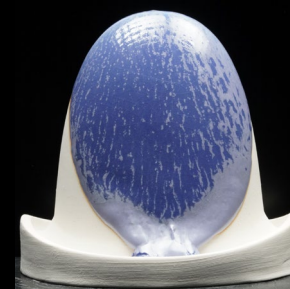
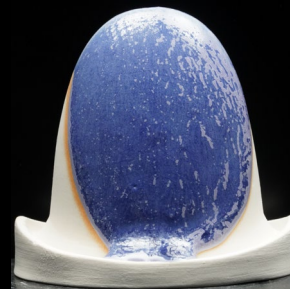
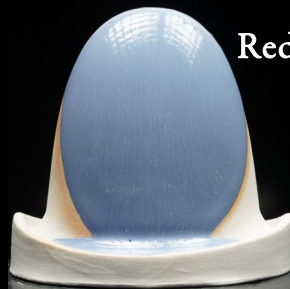
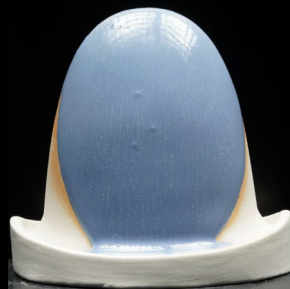
Nickel Carbonate 2.5%

Titanium Dioxide 6%

Tin Oxide 5%

Zirconium Silicate 10%

Reduction



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# Cobalt Carbonate 1%

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Cobalt Carbonate 1%

Copper Carbonate 3%

Red Iron Oxide 6%

Manganese Dioxide 3%



Nickel Carbonate 2.5%

Titanium Dioxide 6%

Tin Oxide 5%

Zirconium Silicate 10%



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# Chrome Oxide 1%

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1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips

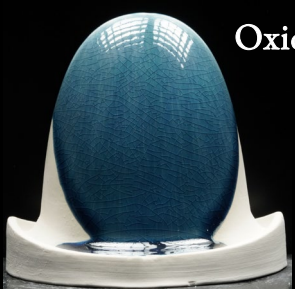
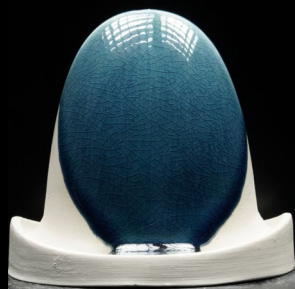
1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips

Oxidation



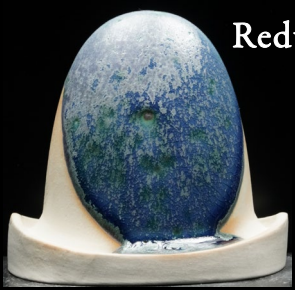
Chrome Oxide 1%

Cobalt Carbonate 1%

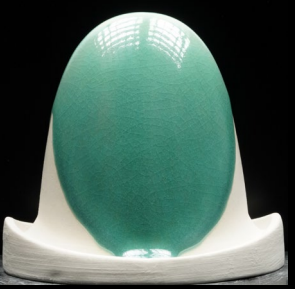
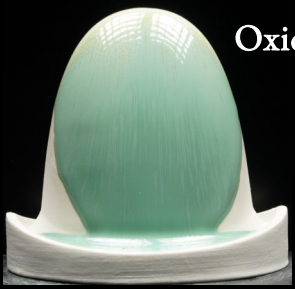
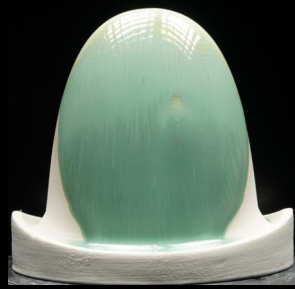
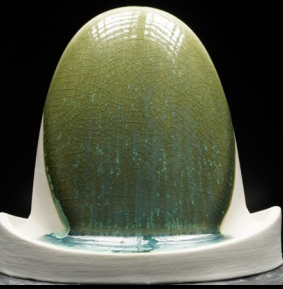
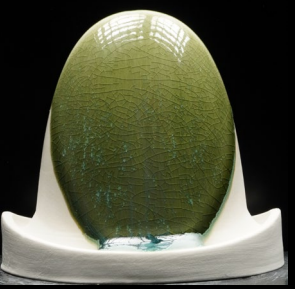
Red Iron Oxide 6%

Manganese Dioxide 3%

Reduction



Oxidation



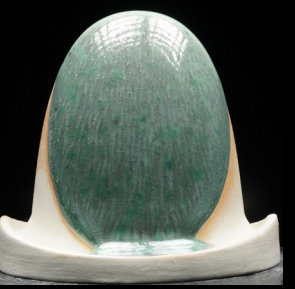
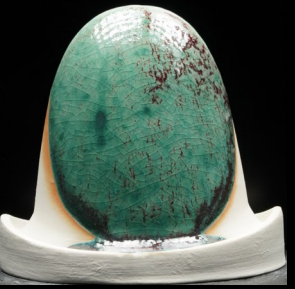
Nickel Carbonate 2.5%

Titanium Dioxide 6%

Tin Oxide 5%

Zirconium Silicate 10%

Reduction



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# Copper Carbonate 3%

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# Red Iron Oxide 6%

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1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips

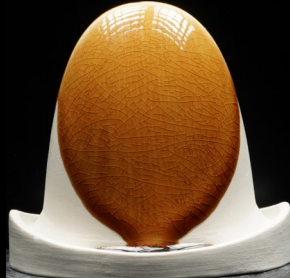
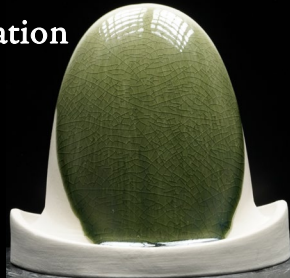
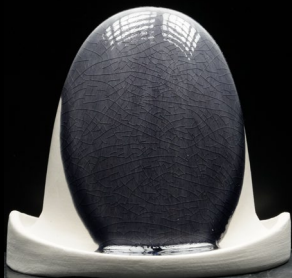
Oxidation

1-3 Second Dip

2-3 Second Dips

1-3 Second Dip

2-3 Second Dips



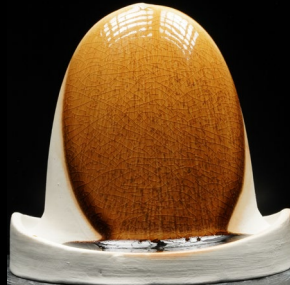
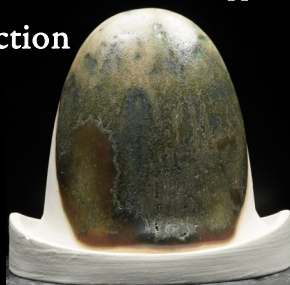
Cobalt Carbonate 1%

Chrome Oxide 1%

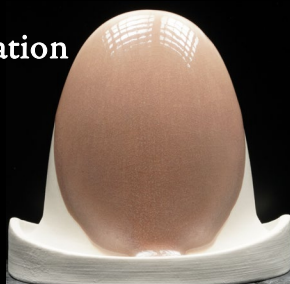
Copper Carbonate 3%

Red Iron Oxide 6%

Reduction



Oxidation



Nickel Carbonate 2.5%

Titanium Dioxide 6%

Tin Oxide 5%

Zirconium Silicate 10%

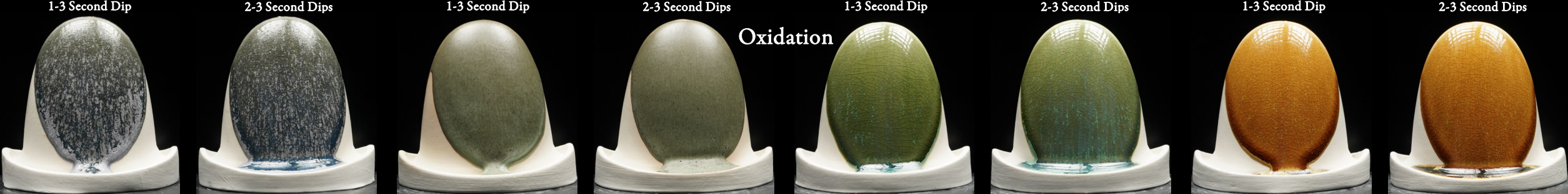
Reduction



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# Manganese Dioxide 3%

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Cobalt Carbonate 1%

Chrome Oxide 1%

Copper Carbonate 3%

Red Iron Oxide 6%



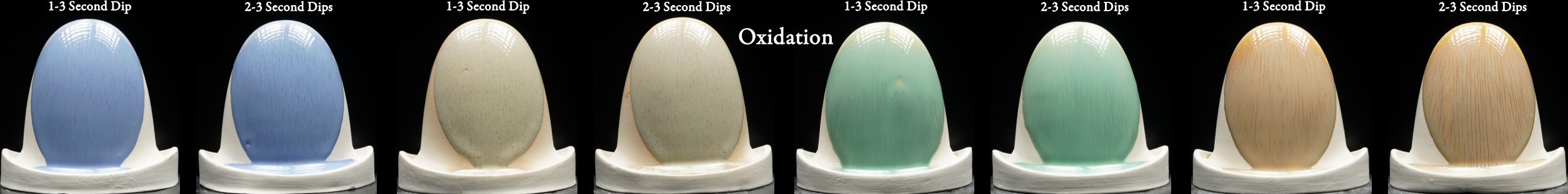
Manganese Dioxide 3%

Titanium Dioxide 6%

Tin Oxide 5%

Zirconium Silicate 10%





Cobalt Carbonate 1%

Chrome Oxide 1%

Copper Carbonate 3%

Red Iron Oxide 6%

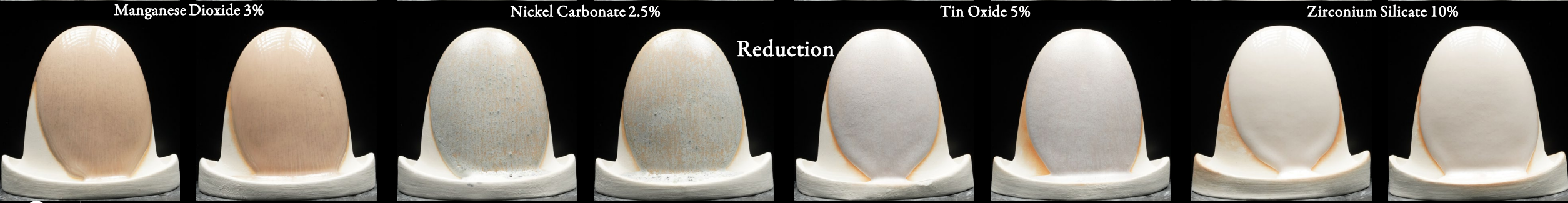


Manganese Dioxide 3%

Nickel Carbonate 2.5%

Tin Oxide 5%

Zirconium Silicate 10%





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# Tin Oxide 5%

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Oxidation



Reduction



Oxidation



Reduction



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# Zirconium Silicate 10%

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