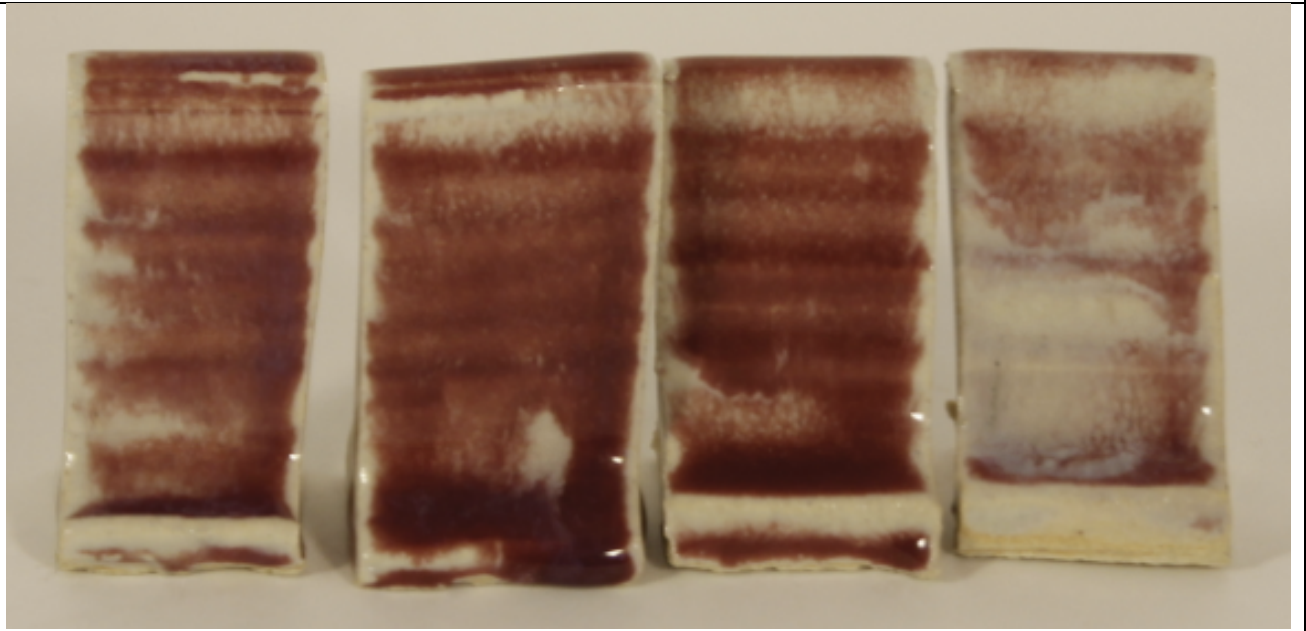


## PMgO (Magnesium Purple) Test



	Original Not tested	102	107	105	103	100
		#1	#2	#3	#4	P5
Silica	32	32	32	32	32	31
Kaolin (EPK)	11	11	11	11	11	10
Potash Feldspar			5	5	5	
Nepheline Syenite	16	16	16	16	16	21
Whiting	20	20	20	18	16	11
G. Borate	21	20	20	20	20	19
Talc		3	3	3	3	8
(KNa)O [0.1 to 0.3]	0.131	0.122	0.14	0.148	0.156	0.166
MgO [0 to 0.3]	0.063	0.116	0.114	0.120	0.126	0.236
CaO [0.2 to 0.6]	0.804	.759	0.744	0.730	0.715	0.596
Al <sub>2</sub> O <sub>3</sub> [0.25 to 0.5]	0.228	0.215	0.232	0.245	0.259	0.263
B <sub>2</sub> O <sub>3</sub> [0 to 0.3]	0.208	0.187	0.183	0.193	0.204	0.198
SiO <sub>2</sub> [0.25 to 0.4]	2.313	2.25	2.352	2.480	2.622	2.716
Si:Al	10.13	10.46	10.12	10.12	10.12	10.34

**Notes:**

Add: Tin Oxide: 4.2 and Chrome Oxide: 0.15.

Test 1, 2 and 3 showed similar results as the purple glaze I am familiar with. Test #4 appeared to break more but still had a pink chrome-tin reaction.

#3 is my favorite test tile.