

HEAT COLOR/TEMPERATURE CHART

Note. The cones given here and throughout this book refer to Orton Standard cones.

Cone	°Centigrade	°Fahrenheit	Color of heat	Changes in clay	Glaze m.p.
022	605	1121	dull red	dehydration	overglaze colors or enamels
021	615	1139			
020	650	1202			
019	660	1220			
018	720	1328			
017	770	1418			
016	795	1463			
015	805	1481			
014	830	1526	organic matter in clay burns out	glass slumps	
013	860	1580	cherry red		luster glazes
012	875	1607			
011	895	1643			
010	905	1661	orange		low-fire lead glazes
09	930	1706			
08	950	1742			
07	990	1815			
06	1015	1845	yellow	red and native clays mature	higher fire earthenwares
05	1040	1904			
04	1060	1940			
03	1115	2035			
02	1125	2055			
01	1145	2090			
1	1160	2120			
2	1165	2130			
3	1170	2138			
4	1190	2174			
5	1204	2201	white	soft stoneware vitrifies	china glazes
6	1230	2245			
7	1250	2283			
8	1260	2300			
9	1285	2345			
10	1305	2381			
11	1325	2417			
12	1335	2435			
13	1350	2465			
14	1400	2550			
15	1435	2610	porcelain matures	porcelain glazes	