

SUPPLEMENTARY MATERIAL

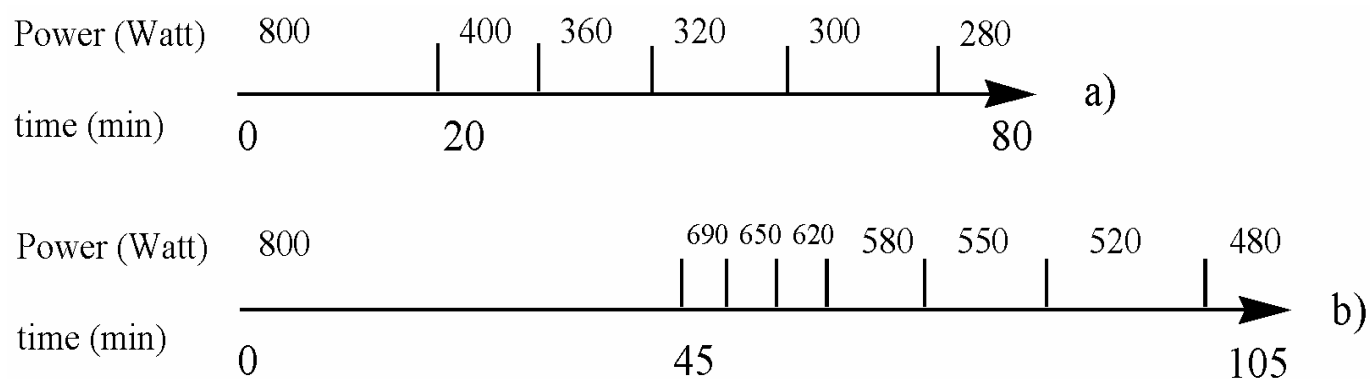


Figure 1SM- Power modulation as a function of time for the microwave treatments at 600°C (a) and 1000°C (b)

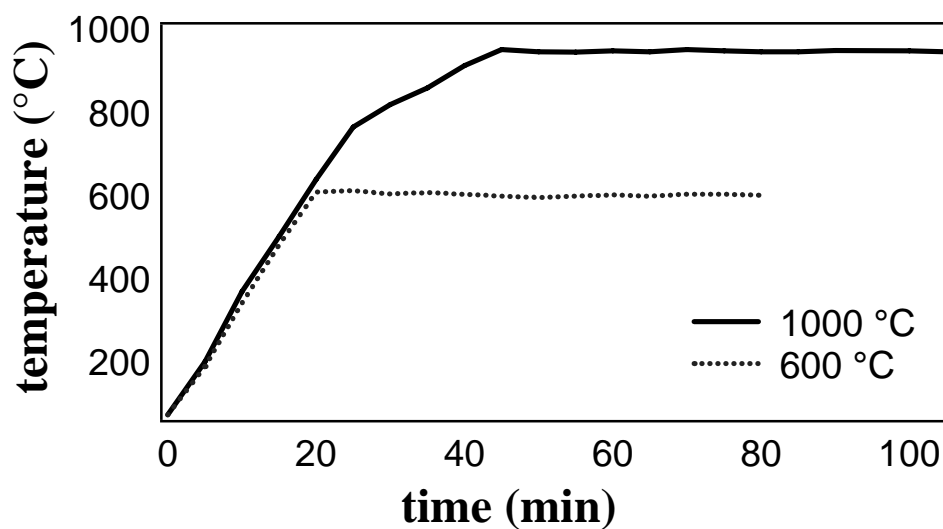


Figure 2SM- Power modulation as a function of time for the microwave treatments at 600°C (a) and 1000°C (b)

Time	Temperature 600	Temperature 800	Temperature 1000
0	74	74	74
5	190	190	190
10	343	350	370
15	483	483	503
20	626	618	640
25	612	736	756
30	605	802	822
35	598	808	860
40	063	805	914
45	603	800	952
50	600	803	947
55	606	805	946
60	604	805	947
65	604	807	949
70	602	804	949
75	605	803	943
80	602	806	946
85	-	802	947
90	-	800	949
95	-	-	952
100	-	-	970
105	-	-	1000

Table 1SM. Time (min) and temperature (°C) values of the three optimized microwave programs.