Apéndice C

Tablas de Secado

Tabla C. 1 P=80 kPa, T=30°C, v_c=7.3 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	W-W_f	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2487	8.3563	5.1388	3.2175	0.827	0.453	1.000	0.000	0.413	0.017	4.2155	4.8	878.229
2	8	1.2459	7.0086	4.5703	2.4383	0.733	0.423	0.887	0.012	0.319	0.129	4.2517	5.0	850.340
3	11	1.2439	6.4973	4.3272	2.1701	0.704	0.413	0.851	0.010	0.290	0.164	4.3891	4.9	895.735
4	17	1.2503	8.1648	5.3542	2.8106	0.685	0.406	0.828	0.003	0.271	0.186	4.5295	5.2	871.058
5	25	1.2465	7.0203	4.7317	2.2886	0.657	0.396	0.794	0.004	0.243	0.220	4.6843	5.6	836.482
6	35	1.2486	8.8921	6.0163	2.8758	0.603	0.376	0.729	0.005	0.189	0.283	4.0800	4.4	927.273
7	45	1.2488	7.3504	5.2130	2.1374	0.539	0.350	0.652	0.006	0.125	0.359	4.7353	5.9	802.593
8	55	1.2448	8.4128	5.9949	2.4179	0.509	0.337	0.615	0.003	0.095	0.395	4.1054	5.0	821.080
9	66	1.2389	7.4950	5.5867	1.9083	0.439	0.305	0.531	0.006	0.025	0.479	4.1881	5.2	805.404
10	75	1.2401	6.8863	5.1319	1.7544	0.451	0.311	0.545	-0.001	0.037	0.464	4.3815	5.4	811.389
11	90	1.2637	8.0671	6.0751	1.9920	0.414	0.293	0.501	0.002	0.000	0.508	5.0570	6.2	815.645

Tabla C. 2 P=80 kPa, T=30°C, v_c=6.9 m/s.

Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
0	1.2345	9.1737	5.5451	3.6286	0.842	0.457	1.000	0.000	0.524	0.000	4.3198	4.8	899.958
6	1.2519	5.9884	3.8804	2.1080	0.802	0.445	0.953	0.007	0.485	0.047	4.3246	5.2	831.654
14	1.2367	6.5024	4.4329	2.0695	0.647	0.393	0.769	0.019	0.330	0.231	4.5477	5.5	826.855
21	1.2395	6.5131	4.5401	1.9730	0.598	0.374	0.710	0.007	0.280	0.290	4.8769	6.3	774.111
32	1.2151	7.0942	4.9816	2.1126	0.561	0.359	0.666	0.003	0.244	0.334	4.1563	5.3	784.208
51	1.2410	6.1763	4.4981	1.6782	0.515	0.340	0.612	0.002	0.198	0.388	5.0366	6.3	799.460
61	1.2380	8.8938	6.4534	2.4404	0.468	0.319	0.556	0.005	0.151	0.444	5.0963	6.9	738.594
71	1.2495	6.3844	4.8229	1.5615	0.437	0.304	0.519	0.003	0.120	0.481	5.4123	7.0	773.186
80	1.2625	6.9825	5.3128	1.6697	0.412	0.292	0.490	0.003	0.095	0.510	4.9730	6.3	789.365
96	1.2306	6.1262	4.8133	1.3129	0.366	0.268	0.435	0.003	0.049	0.565	4.1853	5.4	775.056
121	1.2634	6.0660	4.8928	1.1732	0.323	0.244	0.384	0.002	0.006	0.616	6.9120	8.7	794.483
135	1.2492	6.4716	5.2137	1.2579	0.317	0.241	0.377	0.000	0.000	0.623	5.2778	6.5	811.969

Tabla C. 3 P=80 kPa, T=30°C, v_c=5.6 m/s.

Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
0	1.2449	7.2657	4.4422	2.8235	0.883	0.469	1.000	0.000	0.619	-0.049	5.8683	6.3	931.476
6	1.2540	7.2314	4.5827	2.6487	0.796	0.443	0.901	0.015	0.531	0.055	4.3048	5.0	860.960
9	1.2363	7.1990	4.6912	2.5078	0.726	0.421	0.822	0.023	0.461	0.138	4.5965	5.5	835.727
15	1.2395	7.1778	4.8616	2.3162	0.639	0.390	0.724	0.014	0.375	0.240	4.4037	5.6	786.375
21	1.2488	7.0826	5.0661	2.0165	0.528	0.346	0.598	0.019	0.264	0.372	4.3134	5.5	784.255
32	1.2464	8.3664	5.9871	2.3793	0.502	0.334	0.568	0.002	0.237	0.404	4.2569	5.4	788.315
43	1.2626	7.4069	5.5275	1.8794	0.441	0.306	0.499	0.006	0.176	0.477	4.6760	6.0	779.333
54	1.2417	7.4214	5.5833	1.8381	0.423	0.297	0.479	0.002	0.159	0.497	4.2691	5.9	723.576
72	1.2842	7.6595	6.1125	1.5470	0.320	0.243	0.363	0.006	0.056	0.619	4.1617	6.0	693.617
90	1.2460	7.5905	6.2632	1.3273	0.265	0.209	0.300	0.003	0.000	0.686	4.2316	5.3	798.415

Tabla C. 4 P=80 kPa, T=45°C, v_c=7.3 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	W-W_f	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2395	7.4892	4.7212	2.7680	0.795	0.443	1.000	0.000	0.413	0.000	4.3948	4.8	915.583
2	3	1.2557	7.8314	5.0251	2.8063	0.744	0.427	0.936	0.017	0.362	0.064	4.0738	4.8	848.708
3	9	1.2534	6.5700	4.3926	2.1774	0.694	0.410	0.872	0.008	0.311	0.128	4.3395	4.9	885.612
4	15	1.2442	6.5146	4.4165	2.0981	0.661	0.398	0.832	0.005	0.279	0.168	4.5394	5.2	872.962
5	21	1.2496	6.1904	4.3091	1.8813	0.615	0.381	0.773	0.008	0.232	0.227	4.7055	5.4	871.389
6	30	1.2385	6.6482	4.7901	1.8581	0.523	0.343	0.658	0.010	0.141	0.342	4.2246	5.5	768.109
7	41	1.2308	6.8234	4.9393	1.8841	0.508	0.337	0.639	0.001	0.126	0.361	4.2253	5.0	845.060
8	50	1.2532	6.6867	4.8887	1.7980	0.495	0.331	0.622	0.001	0.112	0.378	4.2148	5.0	842.960
9	60	1.2624	6.4416	4.9487	1.4929	0.405	0.288	0.509	0.009	0.023	0.491	4.5414	5.6	810.964
10	70	1.2344	6.1761	4.7855	1.3906	0.392	0.281	0.493	0.001	0.009	0.507	5.1381	6.2	828.726
11	81	1.2837	6.9663	5.4363	1.5300	0.368	0.269	0.463	0.002	-0.014	0.537	4.3154	5.4	799.148
12	90	1.2511	6.5933	5.1155	1.4778	0.382	0.277	0.481	-0.002	0.000	0.519	4.4597	5.5	810.855

Tabla C. 5 P=80 kPa, T=45°C, v_c=6.9 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2340	7.5735	4.8579	2.7156	0.749	0.428	1.000	0.000	0.497	0.000	4.6054	5.3	868.943
2	4	1.2561	8.6314	5.4969	3.1345	0.739	0.425	0.986	0.003	0.487	0.014	4.9899	6.0	831.650
3	10	1.2564	7.4830	5.4003	2.0827	0.503	0.334	0.671	0.039	0.250	0.329	4.2379	6.1	694.738
4	18	1.2458	7.0309	5.3723	1.6586	0.402	0.287	0.536	0.013	0.149	0.464	4.3306	6.1	709.934
5	29	1.2634	7.2723	5.7137	1.5586	0.350	0.259	0.467	0.005	0.098	0.533	4.2973	5.9	728.356
6	40	1.2380	7.9818	6.1935	1.7883	0.361	0.265	0.482	-0.001	0.108	0.518	5.0505	6.9	731.957
7	51	1.2418	7.2838	5.8191	1.4647	0.320	0.242	0.427	0.004	0.067	0.573	5.7166	8.0	714.575
8	60	1.2400	7.8929	6.4370	1.4559	0.280	0.219	0.374	0.004	0.028	0.626	4.5309	6.3	719.190
9	70	1.2521	6.3309	5.2103	1.1206	0.283	0.221	0.378	0.000	0.030	0.622	4.6034	6.4	719.281
10	80	1.2469	5.8808	4.9463	0.9345	0.253	0.202	0.337	0.003	0.000	0.663	4.9300	6.8	725.000

Tabla C. 6 P=80 kPa, T=45°C, v_c=5.6 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2367	7.4696	4.3280	3.1416	1.016	0.504	1.000	0.000	0.756	0.000	4.2116	4.4	957.182
2	3	1.2584	8.0705	4.8601	3.2104	0.891	0.471	0.877	0.042	0.631	0.123	4.6720	5.3	881.509
3	7	1.2494	8.5688	5.1845	3.3843	0.860	0.462	0.846	0.008	0.599	0.154	4.1488	4.9	846.694
4	13	1.2503	8.0003	5.2925	2.7078	0.670	0.401	0.659	0.032	0.409	0.341	4.3024	5.2	827.385
5	20	1.2389	7.3361	5.1212	2.2149	0.571	0.363	0.561	0.014	0.310	0.439	5.6766	6.2	915.581
6	30	1.2559	7.3157	5.4400	1.8757	0.448	0.310	0.441	0.012	0.188	0.559	4.3852	5.5	797.309
7	40	1.2538	8.2055	6.2174	1.9881	0.401	0.286	0.394	0.005	0.140	0.606	4.2339	5.5	769.800
8	50	1.2494	7.5345	5.9491	1.5854	0.337	0.252	0.332	0.006	0.077	0.668	4.0433	5.0	808.660
9	60	1.2423	7.2593	5.9448	1.3145	0.280	0.218	0.275	0.006	0.019	0.725	4.0433	5.0	808.660
10	75	1.2396	6.3261	5.2743	1.0518	0.261	0.207	0.257	0.001	0.000	0.743	4.0811	6.0	680.183

Tabla C. 7 P=80 kPa, T=60°C, v_c=7.3 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2310	6.5131	4.2880	2.2251	0.728	0.421	1.000	0.000	0.535	0.000	4.7280	5.3	892.075
2	5	1.2537	6.1653	4.4251	1.7402	0.549	0.354	0.754	0.036	0.356	0.246	4.0578	4.9	828.122
3	9	1.2515	6.2686	4.5642	1.7044	0.515	0.340	0.707	0.009	0.321	0.293	4.8274	6.0	804.567
4	13	1.2628	6.6665	4.8546	1.8119	0.504	0.335	0.693	0.003	0.311	0.307	4.2847	5.3	808.434
5	18	1.2845	6.4017	4.7933	1.6084	0.458	0.314	0.630	0.009	0.265	0.370	5.5296	6.5	850.708
6	28	1.2387	6.0409	4.7831	1.2578	0.355	0.262	0.488	0.010	0.162	0.512	4.6508	5.4	861.259
7	38	1.2344	6.0023	4.8761	1.1262	0.309	0.236	0.425	0.005	0.116	0.575	4.0045	4.7	852.021
8	48	1.2557	6.6017	5.4056	1.1961	0.288	0.224	0.396	0.002	0.095	0.604	4.2080	4.9	858.776
9	58	1.2488	6.0669	5.0556	1.0113	0.266	0.210	0.365	0.002	0.073	0.635	4.6894	5.7	822.702
10	68	1.2444	6.0934	5.1406	0.9528	0.245	0.196	0.336	0.002	0.051	0.664	4.4818	5.8	772.724
11	78	1.2329	6.3349	5.3972	0.9377	0.225	0.184	0.309	0.002	0.032	0.691	4.3933	6.0	732.217
12	90	1.2532	7.0239	6.0901	0.9338	0.193	0.162	0.265	0.003	0.000	0.735	4.1529	5.5	755.073

Tabla C. 8 P=80 kPa, T=60°C, v_c=6.9 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2844	8.4412	5.4011	3.0401	0.738	0.425	1.000	0.000	0.520	0.000	4.3459	5.0	869.180
2	6	1.2528	7.3342	4.8295	2.5047	0.700	0.412	0.948	0.006	0.481	0.052	4.3381	4.9	885.327
3	10	1.2490	6.4730	4.7332	1.7398	0.499	0.333	0.676	0.050	0.280	0.324	5.2379	6.6	793.621
4	14	1.3100	6.8432	5.2591	1.5841	0.401	0.286	0.543	0.025	0.182	0.457	5.2834	8.0	660.425
5	18	1.2486	6.1121	4.7588	1.3533	0.386	0.278	0.522	0.004	0.167	0.478	3.9884	6.0	664.733
6	24	1.2446	6.3829	5.0039	1.3790	0.367	0.268	0.497	0.003	0.148	0.503	4.9287	6.3	782.333
7	34	1.2624	6.1284	4.9244	1.2040	0.329	0.247	0.445	0.004	0.110	0.555	4.3414	5.3	819.132
8	44	1.2515	6.2159	5.0720	1.1439	0.299	0.230	0.405	0.003	0.080	0.595	5.3142	7.0	759.171
9	55	1.2494	5.2610	4.4213	0.8397	0.265	0.209	0.358	0.003	0.046	0.642	4.2701	5.7	749.140
10	65	1.2385	6.6012	5.5279	1.0733	0.250	0.200	0.339	0.001	0.031	0.661	5.5563	7.0	793.757
11	75	1.2389	7.0184	5.9804	1.0380	0.219	0.180	0.296	0.003	0.000	0.704	4.4510	5.9	754.407

Tabla C. 9 P=80 kPa, T=60°C, v_c=5.6 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2312	8.2294	4.8604	3.3690	0.928	0.481	1.000	0.000	0.776	-0.275	4.6882	5.4	868.185
2	3	1.2411	8.6383	5.1564	3.4819	0.889	0.471	0.958	0.013	0.737	-0.222	5.3933	6.0	898.883
3	8	1.2598	7.3441	4.6875	2.6566	0.775	0.437	0.835	0.023	0.623	-0.065	6.1826	7.0	883.229
4	16	1.2536	8.4469	5.7985	2.6484	0.583	0.368	0.628	0.024	0.431	0.199	4.1155	4.9	839.898
5	26	1.2419	7.4084	5.8606	1.5478	0.335	0.251	0.361	0.025	0.183	0.540	5.0633	6.0	843.883
6	36	1.2386	7.0216	5.6852	1.3364	0.301	0.231	0.324	0.003	0.149	0.587	5.0005	6.1	819.754
7	46	1.2453	7.5782	6.3300	1.2482	0.245	0.197	0.264	0.006	0.094	0.663	4.3237	6.0	720.617
8	60	1.2487	7.9617	6.7934	1.1683	0.211	0.174	0.227	0.002	0.059	0.711	4.6075	6.3	731.349
9	75	1.2382	8.2421	7.2224	1.0197	0.170	0.146	0.184	0.003	0.019	0.766	4.2063	5.4	778.944
10	90	1.2564	7.6667	6.8217	0.8450	0.152	0.132	0.164	0.001	0.000	0.791	4.6957	6.1	769.787

Tabla C. 10 P=66.7 kPa, T=30°C, v_c=7.3 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2552	8.1816	4.8777	3.3039	0.912	0.477	1.000	0.000	0.501	0.000	5.5098	6.0	918.300
2	5	1.2448	6.9356	4.2791	2.6565	0.875	0.467	0.960	0.007	0.465	0.040	4.3811	5.4	811.315
3	9	1.2571	7.5349	4.8026	2.7323	0.771	0.435	0.845	0.026	0.360	0.155	4.6327	5.3	874.094
4	13	1.2507	7.3588	4.7591	2.5997	0.741	0.426	0.812	0.007	0.330	0.188	4.3333	5.3	817.604
5	18	1.2492	7.0298	4.7400	2.2898	0.656	0.396	0.719	0.017	0.245	0.281	4.1815	5.0	836.300
6	26	1.2345	6.9364	4.6425	2.2939	0.673	0.402	0.738	-0.002	0.262	0.262	4.3505	5.5	791.000
7	37	1.2376	8.9542	6.0975	2.8567	0.588	0.370	0.644	0.008	0.177	0.356	4.6732	5.3	881.736
8	48	1.2414	8.7433	6.0713	2.6720	0.553	0.356	0.607	0.003	0.143	0.393	5.1771	6.1	848.705
9	60	1.2450	6.8431	4.7886	2.0545	0.580	0.367	0.636	-0.002	0.169	0.364	4.7135	5.6	841.696
10	75	1.2404	7.1523	5.3778	1.7745	0.429	0.300	0.470	0.010	0.018	0.530	4.1523	5.0	830.460
11	90	1.2492	8.0847	6.0949	1.9898	0.411	0.291	0.450	0.001	0.000	0.550	4.3525	5.8	750.431

Tabla C. 11 P=66.7 kPa, T=30°C, v_c=6.9 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2437	6.0363	3.8201	2.2162	0.860	0.462	1.000	0.000	0.469	0.000	4.0570	4.7	863.191
2	5	1.2392	6.5321	4.2032	2.3289	0.786	0.440	0.913	0.015	0.395	0.087	4.5676	5.5	830.473
3	10	1.2563	6.1352	4.0857	2.0495	0.724	0.420	0.842	0.012	0.333	0.158	4.0987	4.9	836.469
4	15	1.2566	6.0897	3.9764	2.1133	0.777	0.437	0.903	-0.011	0.386	0.097	4.5921	5.4	850.389
5	20	1.2446	6.2775	4.2535	2.0240	0.673	0.402	0.782	0.021	0.281	0.218	4.6018	5.7	807.333
6	25	1.2485	6.8108	4.6229	2.1879	0.648	0.393	0.754	0.005	0.257	0.246	4.6788	5.5	850.691
7	30	1.2461	6.1210	4.0363	2.0847	0.747	0.428	0.869	-0.020	0.356	0.131	4.4263	5.5	804.782
8	40	1.2375	6.1305	4.3241	1.8064	0.585	0.369	0.680	0.016	0.194	0.320	5.0010	6.4	781.406
9	50	1.2512	6.1634	4.4707	1.6927	0.526	0.345	0.611	0.006	0.135	0.389	4.0144	5.2	772.000
10	60	1.2433	6.4888	4.7722	1.7166	0.486	0.327	0.566	0.004	0.095	0.434	4.8485	6.0	808.083
11	70	1.2469	6.2475	4.7174	1.5301	0.441	0.306	0.513	0.005	0.050	0.487	4.0847	5.8	704.259
12	80	1.2416	6.139	4.6762	1.4628	0.426	0.299	0.495	0.001	0.035	0.505	4.6488	6.1	762.098
13	90	1.2629	6.7218	5.1867	1.5351	0.391	0.281	0.455	0.003	0.000	0.545	4.7008	6.0	783.467

Tabla C. 12 P=66.7 kPa, T=30°C, v_c=5.6 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2520	6.9442	4.4577	2.4865	0.776	0.437	1.000	0.000	0.476	0.000	5.2074	6.1	853.672
2	4	1.2512	5.2095	3.5646	1.6449	0.711	0.416	0.917	0.016	0.412	0.083	3.2960	4.0	824.000
3	9	1.2444	8.2047	5.4297	2.7750	0.663	0.399	0.855	0.010	0.364	0.145	7.3177	9.0	813.078
4	13	1.2415	7.6992	5.1421	2.5571	0.656	0.396	0.845	0.002	0.356	0.155	5.9154	7.4	799.378
5	16	1.2399	6.5812	4.5684	2.0128	0.605	0.377	0.780	0.017	0.305	0.220	5.9151	7.6	778.303
6	20	1.2340	6.2570	4.4515	1.8055	0.561	0.359	0.723	0.011	0.262	0.277	5.9060	7.6	777.105
7	30	1.2842	7.4831	5.3500	2.1331	0.525	0.344	0.676	0.004	0.225	0.324	5.2138	6.8	766.735
8	40	1.2455	6.2641	4.6272	1.6369	0.484	0.326	0.624	0.004	0.185	0.376	5.3783	7.3	736.753
9	50	1.2410	6.6494	5.0646	1.5848	0.414	0.293	0.534	0.007	0.115	0.466	7.4071	10.0	740.710
10	60	1.2468	5.1031	4.0601	1.0430	0.371	0.270	0.478	0.004	0.071	0.522	5.1921	6.9	752.478
11	70	1.2369	5.3221	4.3024	1.0197	0.333	0.250	0.429	0.004	0.033	0.571	5.8920	8.0	736.500
12	80	1.2492	5.5382	4.4883	1.0499	0.324	0.245	0.418	0.001	0.025	0.582	4.5684	6.3	725.143
13	90	1.2632	5.7173	4.6914	1.0259	0.299	0.230	0.386	0.002	0.000	0.614	2.7334	3.7	738.757

Tabla C. 13 P=66.7 kPa, T=45°C, v_c=7.3 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2567	6.0218	3.5725	2.4493	1.058	0.514	1.000	0.000	0.659	0.000	3.4396	3.4	1011.647
2	5	1.2389	8.1701	4.7741	3.3960	0.961	0.490	0.908	0.019	0.562	0.092	7.0318	7.4	950.243
3	10	1.2521	8.0795	4.8002	3.2793	0.924	0.480	0.874	0.007	0.525	0.126	3.9617	4.2	943.262
4	15	1.2487	6.0549	3.8014	2.2535	0.883	0.469	0.835	0.008	0.484	0.165	4.2380	4.8	882.917
5	20	1.2491	4.5718	3.0726	1.4992	0.822	0.451	0.777	0.012	0.423	0.223	1.9122	2.2	869.182
6	25	1.2409	6.5204	4.2879	2.2325	0.733	0.423	0.693	0.018	0.334	0.307	5.8316	6.9	845.159
7	35	1.2444	5.4257	3.7786	1.6471	0.650	0.394	0.615	0.008	0.251	0.385	4.9558	6.0	825.967
8	45	1.2515	8.2961	5.6750	2.6211	0.593	0.372	0.560	0.006	0.193	0.440	6.5763	7.7	854.065
9	55	1.2461	6.7644	4.9318	1.8326	0.497	0.332	0.470	0.010	0.098	0.530	4.3984	5.4	814.519
10	65	1.2399	5.5800	4.2475	1.3325	0.443	0.307	0.419	0.005	0.044	0.581	6.3609	8.6	739.640
11	75	1.2562	6.2666	4.7903	1.4763	0.418	0.295	0.395	0.003	0.019	0.605	3.6336	4.2	865.143
12	85	1.2363	6.2241	4.7825	1.4416	0.407	0.289	0.384	0.001	0.007	0.616	4.909	6.8	721.912
13	90	1.2571	6.3329	4.885	1.4479	0.399	0.285	0.377	0.001	0.000	0.623	5.12	6.9	742.029

Tabla C. 14 P=66.7 kPa, T=45°C, v_c=6.9 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2438	5.4587	3.8134	1.6453	0.640	0.390	1.000	0.000	0.425	-0.027	3.4570	4.0	864.250
2	4	1.2438	6.0411	4.1116	1.9295	0.673	0.402	1.051	-0.008	0.457	-0.079	4.0471	4.9	825.939
3	9	1.2391	5.6042	3.9431	1.6611	0.614	0.381	0.959	0.012	0.399	0.015	4.0670	4.5	903.778
4	14	1.2460	6.1468	4.3665	1.7803	0.571	0.363	0.891	0.009	0.355	0.085	4.1495	5.4	768.426
5	21	1.2563	6.3641	4.7115	1.6526	0.478	0.324	0.747	0.013	0.263	0.233	4.6420	5.8	800.345
6	29	1.2371	6.0540	4.5605	1.4935	0.449	0.310	0.702	0.004	0.234	0.279	4.6859	5.7	822.088
7	39	1.2464	6.9762	5.5089	1.4673	0.344	0.256	0.538	0.011	0.129	0.448	4.4198	5.5	803.600
8	49	1.2524	6.2388	5.0650	1.1738	0.308	0.235	0.481	0.004	0.093	0.506	4.7212	6.1	773.967
9	60	1.2442	4.3782	3.7243	0.6539	0.264	0.209	0.412	0.004	0.048	0.577	5.0435	7.2	700.486
10	71	1.2564	7.0254	5.8928	1.1326	0.244	0.196	0.382	0.002	0.029	0.608	4.9853	6.3	791.317
11	80	1.2627	6.6786	5.5863	1.0923	0.253	0.202	0.395	-0.001	0.037	0.595	4.7261	6.7	705.388
12	90	1.2413	4.8598	4.2187	0.6411	0.215	0.177	0.336	0.004	0.000	0.655	4.7826	6.4	747.281

Tabla C. 15 P=66.7 kPa, T=45°C, v_c=5.6 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2840	6.7624	4.0771	2.6853	0.961	0.490	1.000	0.000	0.718	0.091	4.1210	4.7	876.809
2	6	1.2428	9.0838	5.2252	3.8586	0.969	0.492	1.008	-0.001	0.726	0.084	4.6384	5.0	927.680
3	10	1.2413	7.3919	4.4885	2.9034	0.894	0.472	0.930	0.019	0.651	0.155	4.3488	5.1	852.706
4	16	1.2403	7.2436	4.8540	2.3896	0.661	0.398	0.688	0.039	0.418	0.375	4.0189	4.9	820.184
5	24	1.2454	6.2423	4.4869	1.7554	0.542	0.351	0.563	0.015	0.298	0.488	4.2490	5.6	758.750
6	34	1.2313	6.8452	5.0890	1.7562	0.455	0.313	0.474	0.009	0.212	0.570	4.8921	6.9	709.000
7	44	1.2558	7.9687	6.3360	1.6327	0.321	0.243	0.334	0.013	0.078	0.696	4.2685	5.4	790.463
8	60	1.2497	7.4421	6.0018	1.4403	0.303	0.233	0.315	0.001	0.060	0.713	4.3975	5.5	799.545
9	80	1.2493	7.5564	6.3218	1.2346	0.243	0.196	0.253	0.003	0.000	0.770	4.4090	5.7	773.509

Tabla C. 16 P=66.7 kPa, T=60°C, v_c=7.3 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2307	7.0413	4.9418	2.0995	0.566	0.361	1.000	0.000	0.424	0.119	4.2259	4.8	880.396
2	4	1.2625	6.5682	4.7507	1.8175	0.521	0.343	0.921	0.011	0.380	0.188	4.4904	5.5	816.436
3	8	1.2442	6.2561	4.9165	1.3396	0.365	0.267	0.645	0.039	0.223	0.432	4.2652	5.4	789.852
4	12	1.2503	6.1585	4.8171	1.3414	0.376	0.273	0.665	-0.003	0.235	0.414	4.8393	6.1	793.328
5	16	1.2551	7.4110	5.9439	1.4671	0.313	0.238	0.553	0.016	0.171	0.513	4.5241	6.0	754.017
6	22	1.2335	8.1587	6.6112	1.5475	0.288	0.223	0.509	0.004	0.146	0.552	5.0367	6.3	799.476
7	33	1.2363	6.4693	5.4197	1.0496	0.251	0.201	0.443	0.003	0.109	0.609	4.0772	5.3	769.283
8	42	1.2511	6.6270	5.6007	1.0263	0.236	0.191	0.417	0.002	0.094	0.632	4.8910	7.2	679.306
9	53	1.2331	6.4422	5.5889	0.8533	0.196	0.164	0.346	0.004	0.054	0.695	4.7221	6.4	737.828
10	62	1.2390	6.7086	5.8553	0.8533	0.185	0.156	0.327	0.001	0.043	0.712	4.2013	6.0	700.217
11	73	1.2841	6.4503	5.7369	0.7134	0.160	0.138	0.283	0.002	0.019	0.750	4.2013	6.0	700.217
12	83	1.2628	6.3896	5.7541	0.6355	0.141	0.124	0.250	0.002	0.000	0.780	4.8295	6.4	754.609

Tabla C. 17 P=66.7 kPa, T=60°C, v_c=6.9 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2633	7.3249	4.5324	2.7925	0.854	0.461	1.000	0.000	0.692	0.000	5.8549	6.4	914.828
2	4	1.2445	8.1987	5.2226	2.9761	0.748	0.428	0.876	0.027	0.586	0.124	5.3659	6.0	894.317
3	8	1.2367	7.5197	4.9860	2.5337	0.676	0.403	0.791	0.018	0.513	0.209	6.0216	6.5	926.400
4	13	1.2462	7.4238	5.0051	2.4187	0.643	0.392	0.753	0.006	0.481	0.247	5.5529	6.0	925.483
5	20	1.2377	5.4539	4.0405	1.4134	0.504	0.335	0.590	0.020	0.342	0.410	5.0300	6.0	838.333
6	26	1.2410	6.8230	5.2438	1.5792	0.395	0.283	0.462	0.018	0.232	0.538	4.9422	5.9	837.661
7	33	1.2369	5.7237	4.4845	1.2392	0.382	0.276	0.447	0.002	0.219	0.553	6.0845	7.6	800.592
8	40	1.2331	6.5211	5.2690	1.2521	0.310	0.237	0.363	0.010	0.148	0.637	4.9684	6.0	828.067
9	48	1.2523	6.5342	5.4465	1.0877	0.259	0.206	0.304	0.006	0.097	0.696	5.9392	8.2	724.293
10	56	1.2569	4.6403	4.0210	0.6193	0.224	0.183	0.262	0.004	0.062	0.738	2.7675	3.8	728.289
11	64	1.2362	4.6925	4.1033	0.5892	0.206	0.170	0.241	0.002	0.043	0.759	3.4936	4.9	712.980
12	71	1.2335	5.2774	4.6432	0.6342	0.186	0.157	0.218	0.003	0.024	0.782	4.2794	6.0	713.233
13	80	1.2457	5.2153	4.5926	0.6227	0.186	0.157	0.218	0.000	0.024	0.782	5.3878	8.0	673.475
14	88	1.2465	4.9141	4.4015	0.5126	0.162	0.140	0.190	0.003	0.000	0.810	3.2717	5.0	654.340

Tabla C. 18 P=66.7 kPa, T=60°C, v_c=5.6 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2437	6.9301	4.0205	2.9096	1.048	0.512	1.000	0.000	0.925	-0.632	4.7100	4.9	961.224
2	4	1.2485	7.5839	4.4270	3.1569	0.993	0.498	0.948	0.014	0.871	-0.547	4.6123	5.0	922.460
3	8	1.2555	7.5321	4.4914	3.0407	0.940	0.484	0.897	0.013	0.817	-0.464	4.8159	5.0	963.180
4	14	1.2454	8.1469	5.1594	2.9875	0.763	0.433	0.728	0.029	0.641	-0.189	4.4359	5.0	887.180
5	22	1.2845	7.0023	5.0359	1.9664	0.524	0.344	0.500	0.030	0.402	0.183	4.3378	5.1	850.549
6	33	1.2486	7.7417	6.1840	1.5577	0.316	0.240	0.301	0.019	0.193	0.508	5.0288	5.9	852.339
7	43	1.2460	6.5378	5.5793	0.9585	0.221	0.181	0.211	0.009	0.099	0.655	4.0696	5.5	739.927
8	55	1.2448	7.4218	6.4356	0.9862	0.190	0.160	0.181	0.003	0.068	0.704	4.4135	5.9	748.051
9	70	1.2393	9.5188	8.5183	1.0005	0.137	0.121	0.131	0.004	0.015	0.786	5.1756	6.9	750.087
10	90	1.2461	7.3259	6.6625	0.6634	0.122	0.109	0.117	0.001	0.000	0.809	5.2651	7.1	741.563

Tabla C. 19 P=60 kPa, T=30°C, v_c=7.3 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2536	6.9093	4.5254	2.3839	0.729	0.422	1.000	0.000	0.433	0.097	4.4269	5.5	804.891
2	4	1.2316	6.9970	4.7004	2.2966	0.662	0.398	0.909	0.017	0.367	0.180	4.7197	5.4	874.019
3	10	1.2388	6.9798	4.7445	2.2353	0.638	0.389	0.875	0.004	0.342	0.210	4.4398	5.4	822.185
4	18	1.2530	7.9252	5.4527	2.4725	0.589	0.371	0.808	0.006	0.293	0.270	4.0136	5.0	802.720
5	31	1.2450	8.8102	6.1569	2.6533	0.540	0.351	0.741	0.004	0.245	0.331	4.0477	4.8	843.271
6	41	1.2464	7.1396	5.1780	1.9616	0.499	0.333	0.685	0.004	0.203	0.382	4.3451	5.5	790.018
7	51	1.2841	6.6537	4.9643	1.6894	0.459	0.315	0.630	0.004	0.164	0.431	4.4267	6.0	737.783
8	61	1.2399	7.5566	5.6910	1.8656	0.419	0.295	0.575	0.004	0.124	0.481	4.3426	5.3	819.358
9	75	1.2331	7.0030	5.5269	1.4761	0.344	0.256	0.472	0.005	0.048	0.574	4.2489	5.2	817.096
10	88	1.2516	9.7394	7.8034	1.9360	0.295	0.228	0.406	0.004	0.000	0.634	4.5640	5.7	800.702

Tabla C. 20 P=60 kPa, T=30°C, v_c=6.9 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2469	5.9383	3.8432	2.0951	0.807	0.447	1.000	0.000	0.493	0.000	4.3622	5.0	872.440
2	3	1.2520	6.7503	4.4928	2.2575	0.697	0.411	0.863	0.037	0.383	0.137	2.8813	3.8	758.237
3	7	1.2373	6.5773	4.3598	2.2175	0.710	0.415	0.880	-0.003	0.396	0.120	4.1697	5.1	817.588
4	12	1.2565	4.5970	3.2780	1.3190	0.652	0.395	0.809	0.012	0.339	0.191	3.9401	5.0	788.020
5	18	1.2456	5.4054	3.8541	1.5513	0.595	0.373	0.737	0.010	0.281	0.263	3.6564	5.0	731.280
6	25	1.2358	7.6081	5.2408	2.3673	0.591	0.371	0.732	0.001	0.277	0.268	4.1537	5.2	798.788
7	33	1.2440	4.8234	3.5985	1.2249	0.520	0.342	0.645	0.009	0.206	0.355	3.1618	3.9	810.718
8	42	1.2553	5.1858	3.9162	1.2696	0.477	0.323	0.591	0.005	0.163	0.409	4.0818	5.2	784.962
9	52	1.2432	6.7522	5.1365	1.6157	0.415	0.293	0.514	0.006	0.101	0.486	2.6994	4.1	658.390
10	62	1.2460	5.3467	4.1940	1.1527	0.391	0.281	0.485	0.002	0.077	0.515	4.1448	6.0	690.800
11	72	1.2477	5.0337	4.0240	1.0097	0.364	0.267	0.451	0.003	0.050	0.549	2.5634	4.0	640.850
12	83	1.2438	5.2672	4.3716	0.8956	0.286	0.223	0.355	0.007	-0.028	0.645	3.986	5.7	699.298
13	90	1.2388	6.1873	5.005	1.1823	0.314	0.239	0.389	-0.004	0.000	0.611	3.8662	5.5	702.945

Tabla C. 21 P=60 kPa, T=30°C, v_c=5.6 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2569	6.2741	4.1783	2.0958	0.717	0.418	1.000	0.000	0.457	0.000	4.8562	5.2	933.885
2	5	1.2360	5.9917	4.1090	1.8827	0.655	0.396	0.913	0.012	0.394	0.087	5.8748	7.2	815.944
3	9	1.2526	6.4951	4.5531	1.9420	0.588	0.370	0.820	0.017	0.328	0.180	3.7286	5.1	731.098
4	13	1.2407	5.1834	3.6832	1.5002	0.614	0.381	0.856	-0.006	0.353	0.144	3.1993	4.1	780.317
5	17	1.2437	5.1933	3.7658	1.4275	0.566	0.361	0.789	0.012	0.305	0.211	4.3729	5.7	767.175
6	24	1.2472	4.7253	3.5022	1.2231	0.542	0.352	0.756	0.003	0.282	0.244	4.4747	6.1	733.557
7	32	1.2519	5.3102	4.0683	1.2419	0.441	0.306	0.615	0.013	0.180	0.385	3.9654	5.5	720.982
8	41	1.2432	4.7824	3.6778	1.1046	0.454	0.312	0.632	-0.001	0.193	0.368	3.4175	5.1	670.098
9	50	1.2396	4.7684	3.7205	1.0479	0.422	0.297	0.589	0.003	0.162	0.411	3.7423	5.2	719.673
10	61	1.2443	4.9664	4.0111	0.9553	0.345	0.257	0.481	0.007	0.084	0.519	3.7134	5.9	629.390
11	69	1.2330	4.2731	3.5495	0.7236	0.312	0.238	0.435	0.004	0.052	0.565	3.3050	4.9	674.490
12	80	1.2462	4.5916	3.8341	0.7575	0.293	0.226	0.408	0.002	0.032	0.592	2.7693	4.0	692.325
13	90	1.2412	3.9296	3.3604	0.5692	0.269	0.212	0.374	0.002	0.008	0.626	2.8399	4.9	579.571
14	96	1.236	3.7538	3.2329	0.5209	0.261	0.207	0.364	0.001	0.000	0.636	2.7418	4.6	596.043

Tabla C. 22 P=60 kPa, T=45°C, v_c=7.3 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2836	7.1374	4.3932	2.7442	0.882	0.469	1.000	0.000	0.396	0.000	3.7431	4.1	912.951
2	4	1.2359	5.9601	3.6708	2.2893	0.940	0.485	1.065	-0.014	0.454	-0.065	4.8400	4.3	1125.581
3	9	1.2489	4.6866	3.0143	1.6723	0.947	0.486	1.073	-0.001	0.461	-0.073	4.6808	5.0	936.160
4	16	1.2442	5.2325	3.3714	1.8611	0.875	0.467	0.991	0.010	0.389	0.009	4.4827	5.3	845.792
5	22	1.2493	6.4495	4.1563	2.2932	0.789	0.441	0.894	0.014	0.303	0.106	5.0143	5.6	895.411
6	29	1.2512	3.8484	2.7854	1.0630	0.693	0.409	0.785	0.014	0.207	0.215	3.8122	4.4	866.409
7	36	1.2434	4.8116	3.3759	1.4357	0.673	0.402	0.763	0.003	0.187	0.237	3.0330	3.4	892.059
8	47	1.2555	4.5862	3.2256	1.3606	0.691	0.409	0.783	-0.002	0.204	0.217	4.1505	4.8	864.688
9	65	1.2405	5.6675	4.0060	1.6615	0.601	0.375	0.681	0.005	0.115	0.319	3.3329	4.0	833.225
10	76	1.2627	4.4721	3.3489	1.1232	0.538	0.350	0.610	0.006	0.052	0.390	2.1021	2.7	778.556
11	87	1.256	5.1726	3.7849	1.3877	0.549	0.354	0.622	-0.001	0.063	0.378	3.5636	4.7	758.213
12	95	1.2442	4.7117	3.5774	1.1343	0.486	0.327	0.551	0.008	0.000	0.449	5.097	6.0	849.500

Tabla C. 23 P=60 kPa, T=45°C, v_c=6.9 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	W-W_f	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2515	5.7887	3.6803	2.1084	0.868	0.465	1.000	0.000	0.645	0.000	4.4554	5.0	891.080
2	4	1.2396	5.3700	3.5420	1.8280	0.794	0.443	0.915	0.019	0.571	0.085	4.5866	5.4	849.370
3	7	1.2486	6.6895	4.3999	2.2896	0.727	0.421	0.837	0.022	0.504	0.163	5.7772	7.0	825.314
4	12	1.2412	7.0165	4.5404	2.4761	0.751	0.429	0.865	-0.005	0.528	0.135	5.7180	7.0	816.857
5	15	1.2360	6.8051	4.7406	2.0645	0.589	0.371	0.679	0.054	0.366	0.321	4.7984	5.7	841.825
6	20	1.2439	6.0446	4.2150	1.8296	0.616	0.381	0.709	-0.005	0.393	0.291	5.1546	6.7	769.343
7	27	1.2482	6.0300	4.3839	1.6461	0.525	0.344	0.605	0.013	0.302	0.395	6.8705	9.0	763.389
8	37	1.2484	5.7977	4.5068	1.2909	0.396	0.284	0.456	0.013	0.174	0.544	4.5872	6.5	705.723
9	47	1.2464	5.3454	4.2019	1.1435	0.387	0.279	0.446	0.001	0.164	0.554	3.8097	5.8	656.845
10	57	1.2432	5.7494	4.6895	1.0599	0.308	0.235	0.354	0.008	0.085	0.646	4.4724	6.1	733.180
11	67	1.2571	3.9380	3.3767	0.5613	0.265	0.209	0.305	0.004	0.042	0.695	4.1465	5.8	714.914
12	80	1.2563	6.0889	5.2089	0.88	0.223	0.182	0.256	0.003	0.000	0.744	3.8806	5.0	776.120

Tabla C. 24 P=60 kPa, T=45°C, v_c=5.6 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2378	6.3010	3.5701	2.7309	1.171	0.539	1.000	0.000	0.935	-0.349	4.8039	5.0	960.780
2	7	1.2374	7.7773	4.7011	3.0762	0.888	0.470	0.758	0.040	0.652	-0.023	4.8229	5.5	876.891
3	11	1.2491	9.7495	5.8650	3.8845	0.842	0.457	0.719	0.012	0.605	0.031	4.8965	5.5	890.273
4	16	1.2586	7.7242	4.9590	2.7652	0.747	0.428	0.638	0.019	0.511	0.139	5.7313	7.0	818.757
5	24	1.2536	8.5499	5.8977	2.6522	0.571	0.363	0.488	0.022	0.335	0.342	4.8893	5.1	958.686
6	34	1.2463	8.7679	6.4099	2.3580	0.457	0.313	0.390	0.011	0.220	0.474	4.3818	4.9	894.245
7	44	1.2393	6.5310	5.2201	1.3109	0.329	0.248	0.281	0.013	0.093	0.621	5.5064	6.2	888.129
8	60	1.2458	8.0534	6.6352	1.4182	0.263	0.208	0.225	0.004	0.027	0.697	3.4566	4.2	823.000
9	75	1.2507	7.2070	6.0633	1.1437	0.238	0.192	0.203	0.002	0.001	0.726	4.5978	6.0	766.300
10	90	1.2448	7.2887	6.1333	1.1554	0.236	0.191	0.202	0.000	0.000	0.728	4.6728	6.5	718.892

Tabla C. 25 P=60 kPa, T=60°C, v_c=7.3 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	W-W_f	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2845	7.3117	4.5954	2.7163	0.820	0.451	1.000	0.000	0.610	-0.879	6.4130	7.0	916.143
2	5	1.2528	7.2307	4.6818	2.5489	0.743	0.426	0.906	0.015	0.533	-0.702	5.1832	6.0	863.867
3	8	1.2420	6.3405	4.3009	2.0396	0.667	0.400	0.813	0.026	0.456	-0.527	3.7317	4.3	867.837
4	11	1.2331	5.4501	3.7996	1.6505	0.643	0.391	0.784	0.008	0.432	-0.473	4.2541	5.1	834.137
5	14	1.2456	7.5382	5.2429	2.2953	0.574	0.365	0.700	0.023	0.364	-0.315	6.1407	7.2	852.875
6	20	1.2340	3.9297	3.0013	0.9284	0.525	0.344	0.640	0.008	0.315	-0.203	2.0229	2.5	809.160
7	26	1.2458	5.5033	4.2291	1.2742	0.427	0.299	0.521	0.016	0.216	0.022	3.7879	4.8	789.146
8	38	1.2435	7.2228	5.6780	1.5448	0.348	0.258	0.425	0.007	0.138	0.202	4.8712	6.2	785.677
9	49	1.2365	6.0200	4.8675	1.1525	0.317	0.241	0.387	0.003	0.107	0.273	3.0213	4.0	755.325
10	64	1.2405	4.7056	3.9182	0.7874	0.294	0.227	0.358	0.002	0.083	0.327	2.7883	3.5	796.657
11	71	1.2378	5.1538	4.3558	0.7980	0.256	0.204	0.312	0.005	0.045	0.414	3.6585	4.8	762.188
12	79	1.2632	5.9657	5.0835	0.8822	0.231	0.188	0.281	0.003	0.020	0.471	3.1615	4.2	752.738
13	89	1.2443	5.8982	5.0883	0.8099	0.211	0.174	0.257	0.002	0.000	0.518	5.0678	6.6	767.848

Tabla C. 26 P=60 kPa, T=60°C, v_c=6.9 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2525	5.1926	3.5428	1.6498	0.720	0.419	1.000	0.000	0.574	0.000	4.9311	6.0	821.850
2	16	1.2468	5.3944	3.8856	1.5088	0.572	0.364	0.794	0.009	0.426	0.206	2.8064	3.6	779.556
3	61	1.2414	6.3405	4.9380	1.4025	0.379	0.275	0.527	0.004	0.233	0.473	4.8952	6.5	753.108
4	78	1.2460	4.5332	3.8865	0.6467	0.245	0.197	0.340	0.008	0.099	0.660	3.1445	4.8	655.104
5	104	1.2422	5.2573	4.6649	0.5924	0.173	0.148	0.240	0.003	0.027	0.760	3.8507	6.0	641.783
6	111	1.2567	4.4028	3.9799	0.4229	0.155	0.134	0.216	0.003	0.009	0.784	4.248	6.3	674.286
7	120	1.2518	3.4444	3.1625	0.2819	0.148	0.129	0.205	0.001	0.001	0.795	2.7389	4.3	636.953
8	126	1.251	4.6761	4.2393	0.4368	0.146	0.128	0.203	0.000	0.000	0.797	2.7716	4.5	615.911

Tabla C. 27 P=60 kPa, T=60°C, v_c=5.6 m/s.

Muestra No.	Tiempo [min]	$m_{charola}$ [g]	$m_{w+charola}$ [g]	$m_{s+charola}$ [g]	m_{agua} [g]	W_{bs}	W_{bh}	W_{bs}/W_0	-dW/dt	$W-W_f$	% pérdida	m_ρ [g]	V_ρ [mL]	ρ [kg/m^3]
1	0	1.2555	7.4157	4.3355	3.0802	1.000	0.500	1.000	0.000	0.864	-1.290	5.0259	5.0	1005.180
2	4	1.2371	7.6030	4.6250	2.9780	0.879	0.468	0.879	0.030	0.743	-1.013	4.4167	4.9	901.367
3	10	1.2561	7.9271	5.0298	2.8973	0.768	0.434	0.768	0.019	0.631	-0.758	4.2918	5.0	858.360
4	18	1.2492	7.4778	5.1793	2.2985	0.585	0.369	0.585	0.023	0.448	-0.339	5.1529	6.0	858.817
5	28	1.2438	8.4098	6.4616	1.9482	0.373	0.272	0.373	0.021	0.237	0.145	4.9386	5.9	837.051
6	38	1.2372	7.5826	5.9752	1.6074	0.339	0.253	0.339	0.003	0.203	0.223	4.5593	6.0	759.883
7	48	1.2380	7.7137	6.6403	1.0734	0.199	0.166	0.199	0.014	0.062	0.545	4.5279	6.2	730.306
8	60	1.2414	5.0630	4.4821	0.5809	0.179	0.152	0.179	0.002	0.043	0.590	5.0680	6.4	791.875
9	75	1.2526	7.8153	6.9885	0.8268	0.144	0.126	0.144	0.002	0.008	0.670	4.5403	6.3	720.683
10	90	1.2590	7.6092	6.8471	0.7621	0.136	0.120	0.136	0.001	0.000	0.688	4.8623	6.2	784.242