



STARCH PERFORMANCE SERVICES

MAXIMIZING THE VALUE FROM YOUR STARCH

Starch Table

Baumé X 1.777 = % D.S. Solids

% D.S. Starch	Baumé	Pounds D.S. Starch per Gallon	Specific Gravity in air	Weight in lb./gallon	Grams D.S. Starch per 100 ml.
0.0	0.0	0.000	1.000	8.33	0.0
1.0	0.6	0.084	1.004	8.36	0.9
2.0	1.1	0.168	1.008	8.39	2.0
3.0	1.7	0.252	1.012	8.43	2.9
4.0	2.3	0.339	1.016	8.46	4.0
5.0	2.8	0.425	1.020	8.49	5.1
6.0	3.4	0.511	1.024	8.53	6.0
7.0	3.9	0.599	1.028	8.56	7.1
8.0	4.5	0.687	1.032	8.60	8.2
9.0	5.1	0.776	1.036	8.63	9.2
10.0	5.6	0.866	1.041	8.67	10.3
11.0	6.2	0.957	1.045	8.70	11.3
12.0	6.8	1.048	1.049	8.74	12.5
13.0	7.3	1.141	1.053	8.77	13.6
14.0	7.9	1.233	1.058	8.81	14.6
15.0	8.4	1.327	1.062	8.84	15.8
16.0	9.0	1.421	1.066	8.88	17.0
17.0	9.6	1.516	1.071	8.92	18.0
18.0	10.1	1.612	1.075	8.96	19.3
19.0	10.7	1.709	1.080	8.99	20.3
20.0	11.3	1.806	1.084	9.03	21.5
21.0	11.8	1.904	1.089	9.07	22.8
22.0	12.4	2.003	1.093	9.11	23.8
23.0	12.9	2.104	1.098	9.15	25.1
24.0	13.5	2.204	1.103	9.19	26.4
25.0	14.1	2.306	1.108	9.23	27.5
26.0	14.6	2.409	1.112	9.27	28.8
27.0	15.2	2.512	1.117	9.30	29.9
28.0	15.8	2.617	1.122	9.34	31.2
29.0	16.3	2.722	1.127	9.39	32.6
30.0	16.9	2.828	1.132	9.43	33.7
31.0	17.4	2.936	1.137	9.47	35.1
32.0	18.0	3.043	1.142	9.51	36.5
33.0	18.6	3.152	1.147	9.55	37.6
34.0	19.1	3.263	1.152	9.60	39.0
35.0	19.7	3.373	1.157	9.64	40.2
36.0	20.3	3.486	1.163	9.68	41.6
37.0	20.8	3.599	1.168	9.73	43.1
38.0	21.4	3.713	1.173	9.77	44.3
39.0	21.9	3.828	1.179	9.82	45.8
40.0	22.5	3.945	1.184	9.86	47.2
41.0	23.1	4.062	1.190	9.91	48.5
42.0	23.6	4.180	1.195	9.95	50.0
43.0	24.2	4.300	1.201	10.00	51.3
44.0	24.8	4.420	1.206	10.05	52.8