

### 24DE Corn Syrup

Temp	
40	Heat Cap (BTU/lb•F) = -0.00607(%Solids) + 0.9921
80	Heat Cap (BTU/lb•F) = -0.00567(%Solids) + 1.0014
120	Heat Cap (BTU/lb•F) = -0.00536(%Solids) + 1.0115
160	Heat Cap (BTU/lb•F) = -0.00508(%Solids) + 1.0234
200	Heat Cap (BTU/lb•F) = -0.00464(%Solids) + 1.0261

Solids	
10	Heat Cap (BTU/lb•F) = 0.000312(°F) + 0.9200
20	Heat Cap (BTU/lb•F) = 0.000398(°F) + 0.8559
30	Heat Cap (BTU/lb•F) = 0.000484(°F) + 0.7919
40	Heat Cap (BTU/lb•F) = 0.000570(°F) + 0.7279
50	Heat Cap (BTU/lb•F) = 0.000656(°F) + 0.6639
60	Heat Cap (BTU/lb•F) = 0.000743(°F) + 0.5999
70	Heat Cap (BTU/lb•F) = 0.000829(°F) + 0.5359
80	Heat Cap (BTU/lb•F) = 0.000915(°F) + 0.4719

Temp	Solids							
	10	20	30	40	50	60	70	80
40	0.9313469	0.870644	0.80994	0.749237	0.688534	0.627831	0.567128	0.506425
80	0.9446491	0.887924	0.8312	0.774475	0.71775	0.661025	0.6043	0.547576
120	0.9579413	0.904341	0.850741	0.79714	0.74354	0.689939	0.636339	0.582738
160	0.9725467	0.921719	0.870892	0.820064	0.769236	0.718409	0.667581	0.616754
200	0.9797121	0.9333	0.886888	0.840476	0.794064	0.747652	0.70124	0.654828

Solids	Temp				
	40	80	120	160	200
10	0.9313469	0.944649	0.957941	0.972547	0.979712
20	0.8706437	0.887924	0.904341	0.921719	0.9333
30	0.8099405	0.8312	0.850741	0.870892	0.886888
40	0.7492373	0.774475	0.79714	0.820064	0.840476
50	0.6885341	0.71775	0.74354	0.769236	0.794064
60	0.6278309	0.661025	0.689939	0.718409	0.747652
70	0.5671277	0.6043	0.636339	0.667581	0.70124
80	0.5064245	0.547576	0.582738	0.616754	0.654828