

62DE Corn Syrup

Temp	
40	Heat Cap (BTU/lb•F) = -0.00518(%Solids) + 0.9902
80	Heat Cap (BTU/lb•F) = -0.00485(%Solids) + 1.00181
120	Heat Cap (BTU/lb•F) = -0.00460(%Solids) + 1.0155
160	Heat Cap (BTU/lb•F) = -0.00433(%Solids) + 1.0273
200	Heat Cap (BTU/lb•F) = -0.00419(%Solids) + 1.0447

Solids	
10	Heat Cap (BTU/lb•F) = 0.000399(°F) + 0.9217
20	Heat Cap (BTU/lb•F) = 0.000462(°F) + 0.8678
30	Heat Cap (BTU/lb•F) = 0.000524(°F) + 0.8140
40	Heat Cap (BTU/lb•F) = 0.000587(°F) + 0.7602
50	Heat Cap (BTU/lb•F) = 0.000650(°F) + 0.7063
60	Heat Cap (BTU/lb•F) = 0.000712(°F) + 0.6525
70	Heat Cap (BTU/lb•F) = 0.000775(°F) + 0.5986
80	Heat Cap (BTU/lb•F) = 0.000837(°F) + 0.5448

Temp	Solids							
	10	20	30	40	50	60	70	80
40	0.938348192	0.886529	0.83471	0.782892	0.731073	0.679254	0.627435	0.575616
80	0.953275007	0.904736	0.856198	0.807659	0.759121	0.710582	0.662043	0.613505
120	0.969480243	0.923432	0.877384	0.831335	0.785287	0.739238	0.69319	0.647142
160	0.983942656	0.940614	0.897284	0.853955	0.810626	0.767297	0.723968	0.680639
200	1.002830737	0.960933	0.919034	0.877136	0.835238	0.79334	0.751442	0.709544

Solids	Temp				
	40	80	120	160	200
10	0.938348192	0.953275	0.96948	0.983943	1.002831
20	0.886529342	0.904736	0.923432	0.940614	0.960933
30	0.834710492	0.856198	0.877384	0.897284	0.919034
40	0.782891642	0.807659	0.831335	0.853955	0.877136
50	0.731072792	0.759121	0.785287	0.810626	0.835238
60	0.679253942	0.710582	0.739238	0.767297	0.79334
70	0.627435092	0.662043	0.69319	0.723968	0.751442
80	0.575616242	0.613505	0.647142	0.680639	0.709544