

### 36DE Corn Syrup

Temp	
40	Heat Cap (BTU/lb•F) = -0.00598(%Solids) + 0.9905
80	Heat Cap (BTU/lb•F) = -0.00565(%Solids) + 1.0009
120	Heat Cap (BTU/lb•F) = -0.00537(%Solids) + 1.0121
160	Heat Cap (BTU/lb•F) = -0.00510(%Solids) + 1.0221
200	Heat Cap (BTU/lb•F) = -0.00470(%Solids) + 1.0257

Solids	
10	Heat Cap (BTU/lb•F) = 0.000307(°F) + 0.9199
20	Heat Cap (BTU/lb•F) = 0.000384(°F) + 0.8569
30	Heat Cap (BTU/lb•F) = 0.000462(°F) + 0.7939
40	Heat Cap (BTU/lb•F) = 0.000540(°F) + 0.7310
50	Heat Cap (BTU/lb•F) = 0.000618(°F) + 0.6680
60	Heat Cap (BTU/lb•F) = 0.000696(°F) + 0.6051
70	Heat Cap (BTU/lb•F) = 0.000774(°F) + 0.5421
80	Heat Cap (BTU/lb•F) = 0.000852(°F) + 0.4792

Temp	Solids							
	10	20	30	40	50	60	70	80
40	0.9307183	0.87089	0.811063	0.751235	0.691407	0.631579	0.571751	0.511923
80	0.9444077	0.887903	0.831398	0.774893	0.718388	0.661883	0.605378	0.548873
120	0.9583465	0.904627	0.850907	0.797187	0.743467	0.689747	0.636027	0.582307
160	0.9710352	0.92001	0.868985	0.81796	0.766936	0.715911	0.664886	0.613861
200	0.9787267	0.93173	0.884733	0.837736	0.790739	0.743743	0.696746	0.649749

Solids	Temp				
	40	80	120	160	200
10	0.9307183	0.944408	0.958346	0.971035	0.978727
20	0.8708904	0.887903	0.904627	0.92001	0.93173
30	0.8110625	0.831398	0.850907	0.868985	0.884733
40	0.7512346	0.774893	0.797187	0.81796	0.837736
50	0.6914067	0.718388	0.743467	0.766936	0.790739
60	0.6315788	0.661883	0.689747	0.715911	0.743743
70	0.571751	0.605378	0.636027	0.664886	0.696746
80	0.5119231	0.548873	0.582307	0.613861	0.649749