

42% HFCS

Temp	
40	Heat Cap (BTU/lb•F) = -0.00523(%Solids) + 0.9874
80	Heat Cap (BTU/lb•F) = -0.00482(%Solids) + 1.0061
120	Heat Cap (BTU/lb•F) = -0.00406(%Solids) + 1.0126
160	Heat Cap (BTU/lb•F) = -0.00373(%Solids) + 1.0185
200	Heat Cap (BTU/lb•F) = -0.00341(%Solids) + 1.0245

Temp	Solids							
	10	20	30	40	50	60	70	80
40	0.935133202	0.882817	0.8305	0.778184	0.725867	0.673551	0.621235	0.568918
80	0.957931395	0.909748	0.861565	0.813382	0.765198	0.717015	0.668832	0.620649
120	0.971973181	0.931343	0.890712	0.850082	0.809451	0.768821	0.72819	0.68756
160	0.981263581	0.944006	0.906749	0.869491	0.832234	0.794976	0.757719	0.720461
200	0.990411506	0.95629	0.922168	0.888046	0.853924	0.819802	0.78568	0.751558

Solids	
10	Heat Cap (BTU/lb•F) = 0.000335(°F) + 0.9272
20	Heat Cap (BTU/lb•F) = 0.000453(°F) + 0.8705
30	Heat Cap (BTU/lb•F) = 0.000571(°F) + 0.8138
40	Heat Cap (BTU/lb•F) = 0.000690(°F) + 0.7571
50	Heat Cap (BTU/lb•F) = 0.000808(°F) + 0.7004
60	Heat Cap (BTU/lb•F) = 0.000926(°F) + 0.6437
70	Heat Cap (BTU/lb•F) = 0.001044(°F) + 0.5870
80	Heat Cap (BTU/lb•F) = 0.001163(°F) + 0.5303

Solids	Temp				
	40	80	120	160	200
10	0.935133202	0.957931	0.971973	0.981264	0.990412
20	0.882816752	0.909748	0.931343	0.944006	0.95629
30	0.830500302	0.861565	0.890712	0.906749	0.922168
40	0.778183852	0.813382	0.850082	0.869491	0.888046
50	0.725867402	0.765198	0.809451	0.832234	0.853924
60	0.673550952	0.717015	0.768821	0.794976	0.819802
70	0.621234502	0.668832	0.72819	0.757719	0.78568
80	0.568918052	0.620649	0.68756	0.720461	0.751558