

55% HFCS

Temp	
40	Heat Cap (BTU/lb•F) = -0.00546(%Solids) + 0.9867
80	Heat Cap (BTU/lb•F) = -0.00507(%Solids) + 1.0090
120	Heat Cap (BTU/lb•F) = -0.00431(%Solids) + 1.0140
160	Heat Cap (BTU/lb•F) = -0.00399(%Solids) + 1.0227
200	Heat Cap (BTU/lb•F) = -0.00350(%Solids) + 1.0227

Temp	Solids							
	10	20	30	40	50	60	70	80
40	0.932101104	0.877505	0.822908	0.768312	0.713715	0.659119	0.604522	0.549926
80	0.958322506	0.907615	0.856908	0.806201	0.755494	0.704787	0.65408	0.603373
120	0.970835759	0.927713	0.884591	0.841468	0.798345	0.755223	0.7121	0.668977
160	0.982812403	0.942907	0.903002	0.863097	0.823192	0.783287	0.743382	0.703477
200	0.987636446	0.952588	0.917539	0.88249	0.847442	0.812393	0.777344	0.742296

Solids	
10	Heat Cap (BTU/lb•F) = 0.000339(°F) + 0.9257
20	Heat Cap (BTU/lb•F) = 0.000464(°F) + 0.8660
30	Heat Cap (BTU/lb•F) = 0.000588(°F) + 0.8064
40	Heat Cap (BTU/lb•F) = 0.000713(°F) + 0.7467
50	Heat Cap (BTU/lb•F) = 0.000838(°F) + 0.6871
60	Heat Cap (BTU/lb•F) = 0.000963(°F) + 0.6274
70	Heat Cap (BTU/lb•F) = 0.001087(°F) + 0.5678
80	Heat Cap (BTU/lb•F) = 0.001212(°F) + 0.5082

Solids	Temp				
	40	80	120	160	200
10	0.932101104	0.958323	0.970836	0.982812	0.987636
20	0.877504644	0.907615	0.927713	0.942907	0.952588
30	0.822908184	0.856908	0.884591	0.903002	0.917539
40	0.768311724	0.806201	0.841468	0.863097	0.88249
50	0.713715264	0.755494	0.798345	0.823192	0.847442
60	0.659118804	0.704787	0.755223	0.783287	0.812393
70	0.604522344	0.65408	0.7121	0.743382	0.777344
80	0.549925884	0.603373	0.668977	0.703477	0.742296