

62DE Corn Syrup IX

| Temp | |
|-------------|--|
| 40 | Heat Cap (BTU/lb•F) = -0.00583(%Solids) + 0.9913 |
| 80 | Heat Cap (BTU/lb•F) = -0.00552(%Solids) + 1.0050 |
| 120 | Heat Cap (BTU/lb•F) = -0.00526(%Solids) + 1.0187 |
| 160 | Heat Cap (BTU/lb•F) = -0.00501(%Solids) + 1.0300 |
| 200 | Heat Cap (BTU/lb•F) = -0.00488(%Solids)+ 1.0522 |

| | Solids | | | | | | | |
|-------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Temp | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
| 40 | 0.932975597 | 0.874655 | 0.816334 | 0.758013 | 0.699693 | 0.641372 | 0.583051 | 0.52473 |
| 80 | 0.949815093 | 0.894631 | 0.839446 | 0.784261 | 0.729077 | 0.673892 | 0.618708 | 0.563523 |
| 120 | 0.966047426 | 0.913431 | 0.860816 | 0.8082 | 0.755584 | 0.702968 | 0.650352 | 0.597736 |
| 160 | 0.979893192 | 0.929755 | 0.879617 | 0.829479 | 0.779341 | 0.729203 | 0.679064 | 0.628926 |
| 200 | 1.003343978 | 0.954506 | 0.905667 | 0.856829 | 0.807991 | 0.759153 | 0.710314 | 0.661476 |

| Solids | |
|---------------|---|
| 10 | Heat Cap (BTU/lb•F) = 0.000427(°F) + 0.9152 |
| 20 | Heat Cap (BTU/lb•F) = 0.000487(°F) + 0.8549 |
| 30 | Heat Cap (BTU/lb•F) = 0.000547(°F) + 0.7947 |
| 40 | Heat Cap (BTU/lb•F) = 0.000607(°F) + 0.7345 |
| 50 | Heat Cap (BTU/lb•F) = 0.000667(°F) + 0.6743 |
| 60 | Heat Cap (BTU/lb•F) = 0.000727(°F) + 0.6141 |
| 70 | Heat Cap (BTU/lb•F) = 0.000787(°F) + 0.5538 |
| 80 | Heat Cap (BTU/lb•F) = 0.000847(°F) + 0.4936 |

| | Temp | | | | |
|---------------|-------------|-----------|------------|------------|------------|
| Solids | 40 | 80 | 120 | 160 | 200 |
| 10 | 0.932975597 | 0.949815 | 0.966047 | 0.979893 | 1.003344 |
| 20 | 0.874654827 | 0.894631 | 0.913431 | 0.929755 | 0.954506 |
| 30 | 0.816334057 | 0.839446 | 0.860816 | 0.879617 | 0.905667 |
| 40 | 0.758013287 | 0.784261 | 0.8082 | 0.829479 | 0.856829 |
| 50 | 0.699692517 | 0.729077 | 0.755584 | 0.779341 | 0.807991 |
| 60 | 0.641371747 | 0.673892 | 0.702968 | 0.729203 | 0.759153 |
| 70 | 0.583050977 | 0.618708 | 0.650352 | 0.679064 | 0.710314 |
| 80 | 0.524730207 | 0.563523 | 0.597736 | 0.628926 | 0.661476 |