**Tabel 1.** Data Hasil Simulasi Pada Tabung Mesin Asap Cair

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Model Body | **Nilai Maksimal** | | | **Nilai Minimal** | | | **Safety Factor** | | ***Von Mises Stress* (Mpa)** | ***Displacement***  **(mm)** | ***Strain*** | ***Von Mises Stress* (Mpa)** | ***Displacement***  **(mm)** | ***Strain*** | | Mesin Asap Cair | 6.458e+005 | 2.458e-003 | 2.044e-006 | 2.305e-001 | 1.000e-030 | 6.826e-011 |  | |

**Tabel 2.** Data Hasil Simulasi Thernal Suhu 400°C

|  |  |  |  |
| --- | --- | --- | --- |
| Temperatur *Heater* °C |  | Temperatur Tabung °C | Laju Perpindahan Panas J/ 𝑘𝑔 °𝐶 |
| 405  305 |  | 300  400 | 570  570 |