**Tabel** **1.** Spesifikasi Material ASTM A36

|  |  |  |
| --- | --- | --- |
| **Material Tensile** | **Tensile Strength** | **Yield Strength** |
| ASTM A36 Steel | 4,48083e+08 N/m^2 | 2,41275e+08 N/m^2 |

**Tabel 2.** Data Hasil Simulasi Terhadap Rangka

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Maximum** | | **Minimum** | |
| **Beban (N)** | **Von Misses Stress (N/mm2)** | **Displacement (mm)** | **Von Misses Stress (N/mm2)** | **Displacement (mm)** |
| 27 KG | 24,5271 | 0,053134 | 0,174406 | 1,000e-30 |
| 47 KG | 35,0908 | 0,054753 | 0,805597 | 1,000e-30 |