

| Material | Cross Sectional Area (mm ²) | Bmin_T | Bmax_T | Loop Area / A m ⁻¹ | mu_r_min | mu_r_max |
|---------------------|---|--------|--------|-------------------------------|----------|----------|
| Copper Alloy (40 C) | 19.6 | -0.064 | 0.067 | 177.57 | 0.86 | 10.77 |
| Copper Alloy (10C) | 19.6 | -0.117 | 0.120 | 190.66 | 1.60 | 10.77 |
| Mild Steel | 7.65 | -2.055 | 2.021 | 37000 | 27.82 | 207.00 |
| Transformer Iron | 2.95 | -2.358 | 2.400 | 8400 | 33.26 | 87.99 |

| power_loss_W_per_m3 |
|---------------------|
| 8879 |
| 9533 |
| 1865000 |
| 420000 |