**DAFTAR ISI**

Halaman **LEMBAR SAMPUL** ................................................................................. - **LEMBAR JUDUL** ..................................................................................... i **LEMBAR PERSETUJUAN SKRIPSI** .................................................... ii **LEMBAR PENGESAHAN** ...................................................................... iii **PERNYATAAN KEASLIAN SKRIPSI** .................................................. iv **PERNYATAAN PERSETUJUAN PUBLIKASI SKRIPSI**................... v **KATA PENGANTAR** ............................................................................... vi **ABSTRAK** ................................................................................................. viii **DAFTAR ISI**.............................................................................................. ix **DAFTAR TABEL** ..................................................................................... xi **DAFTAR GAMBAR** ................................................................................. xii **DAFTAR LAMPIRAN** ............................................................................ xiii **DAFTAR NOTASI DAN SINGKATAN** ................................................. xiv **BAB I PENDAHULUAN**

1.1. Latar Belakang ……………………………………….…… 1

1.2. Rumusan Masalah ………………………………………… 2

1.3. Tujuan Penelitian …………………………………….……. 2

1.4. Manfaat Penelitian ………………………………………… 2

1.5. Batasan Masalah …………………………………………… 3

1.6. Sistematika Penulisan ……………………………………… 3

**BAB II TINJAUAN PUSTAKA**

2.1. Peneliti Terdahulu ………………………………………… 5

2.2. Kajian Teoritis ………………………………….………… 6

|  |  |  |
| --- | --- | --- |
| 2.2.1 | Serat Sabut Kelapa (*Coco Fibre*) ………………… | 6 |
| 2.2.2 | Komposit (*Composite*)……………………………. | 7 |
| 2.2.3 | Matriks …………………………………………… | 12 |
| 2.2.4 | Alkali (NaOH) …………………………………… | 13 |
| 2.2.5 | Hardener …………………………………………. | 14 |
| 2.2.6 | Talk ……………………………………………… | 15 |

|  |  |  |
| --- | --- | --- |
|  | 2.3. Aspek Geometri Komposit ……………………………….. | 15 |
| 2.4. Sifat Tarik Komposit……………………………………… | 17 |
| **BAB III** | **METODOLOGI PENELITIAN**  3.1. Waktu Dan Tempat Penelitian …………………………….. | 19 |
|  | 3.2. Jalannya Penelitian ………………………………….…….. | 19 |
|  | 3.3. Bahan Dan Alat Yang Digunakan ………………………… | 22 |
|  | 3.4. Jenis Penelitian ……………………………………….……. | 27 |
|  | 3.5. Definisi Operasional ………………………………….……. | 27 |
|  | 3.6. Subjek/Objek/Sampel/Populasi Penelitian ………………… | 28 |
|  | 3.7. Analisis Data ……………………………………………….. | 28 |
|  | 3.8. Alur Penelitian ………………………………………………. | 29 |
| **BAB IV** | **PEMBAHASAN**  4.1. Hasil Penelitian…………………………………………….. | 30 |
|  | 4.1.1 Data Hasil Pengujian Tarik ………………………….. | 30 |
|  | 4.2. Pembahasan ……………………………………………….. | 31 |
|  | 4.2.1 Rata-rata Hasil Pengujian Tarik ……………………… | 31 |
|  | 4.2.2 Pembahasan Hasil Pengujian Tarik ………………….. | 33 |

**BAB V KESIMPULAN DAN SARAN**

5.1. Kesimpulan………………………………………………….. 36

5.2. Saran ………………………………………………………… 36

**DAFTAR PUSTAKA LAMPIRAN**