**Tabel 1**. Komposisi Pembuatan Spesimen

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Resin** | **Pati** | **Presentase Variasi Pati %** |
| 1 | 47 gram | 3 gram | 6% |
| 2 | 46,5 gram | 3,5 gram | 7% |
| 3 | 46 gram | 4 gram | 8% |
| 4 | 45,5 gram | 4,5 gram | 9% |
| 5 | 45 gram | 5 gram | 10% |

**Tabel 2** Data hasil uji *impact*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Spesimen | Sudut a | Sudut b | A | H1 | H2 | E(joule) | Harga impak(*joule/mm)* |
| 0% | 90 | 82.3 | 2 | 1.2 | 0.00516 | 6603 | 3302 |
| 6% | 90 | 79.1 | 2 | 1.2 | 0.01086 | 6343 | 3172 |
| 7% | 90 | 87.7 | 2 | 1.2 | 0.00054 | 7043 | 3522 |
| 8% | 90 | 87.5 | 2 | 1.2 | 0.00060 | 7027 | 3514 |
| 9% | 90 | 87.7 | 2 | 1.2 | 0.00054 | 7043 | 3522 |
| 10% | 90 | 89.5 | 2 | 1.2 | 0.00006 | 7190 | 3595 |

**Tabel 3.** Data hasil uji bending / tekuk

|  |  |  |  |
| --- | --- | --- | --- |
| Spesimen | P(N) | (N/mm2) | E(Mpa) |
| 0% | 156.91 | 147 | 938,2 |
| 6% | 117.38 | 111 | 937,9 |
| 7% | 124.56 | 116 | 936,2 |
| 8% | 111.80 | 105 | 935,8 |
| 9% | 137.29 | 129 | 935,4 |
| 10% | 131.21 | 123 | 937,6 |