

BAB 6 KESIMPULAN DAN SARAN

6.1. Kesimpulan

Parameter terbaik untuk material A yang menunjukkan modulus geser adalah μ_1 0,998621, μ_2 -0,384393, sementara parameter material A yang menunjukkan sifat *hardening/softening* adalah α_1 0,990498, α_2 1,10115, dan parameter material A yang menunjukkan nilai kompresibilitasnya adalah β_1 0,180894, β_2 0,2037.

Parameter terbaik untuk material E yang menunjukkan modulus geser adalah μ_1 0,876401, μ_2 0,828824, sementara parameter material E yang menunjukkan sifat *hardening/softening* adalah α_1 -0,781638, α_2 0,244637, dan parameter material E yang menunjukkan nilai kompresibilitasnya adalah β_1 0,184396, β_2 0,171569.

6.2. Saran

Berikut ini saran untuk penelitian selanjutnya:

- a. Dapat dilakukan penelitian untuk material *EVA rubber foam* lainnya, karena terdapat banyak *EVA rubber foam* yang beredar di pasar.
- b. Dapat dilakukan pengujian *lateral strain* sehingga nilai *poisson's ratio* yang digunakan berdasarkan karakteristik material yang sesungguhnya, bukan sekedar asumsi.

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