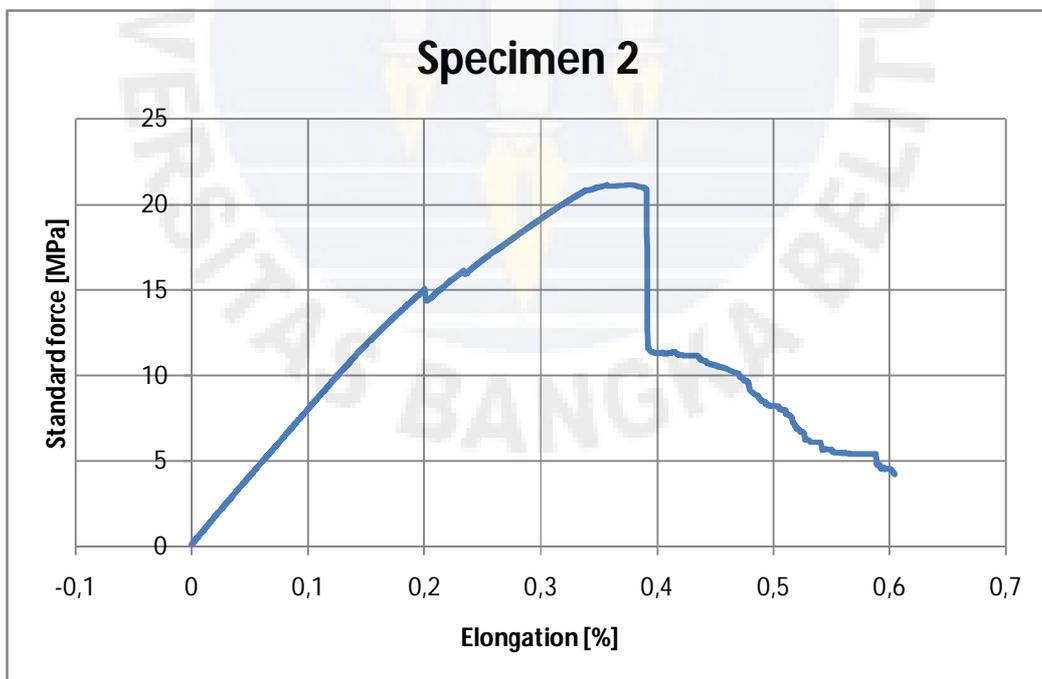
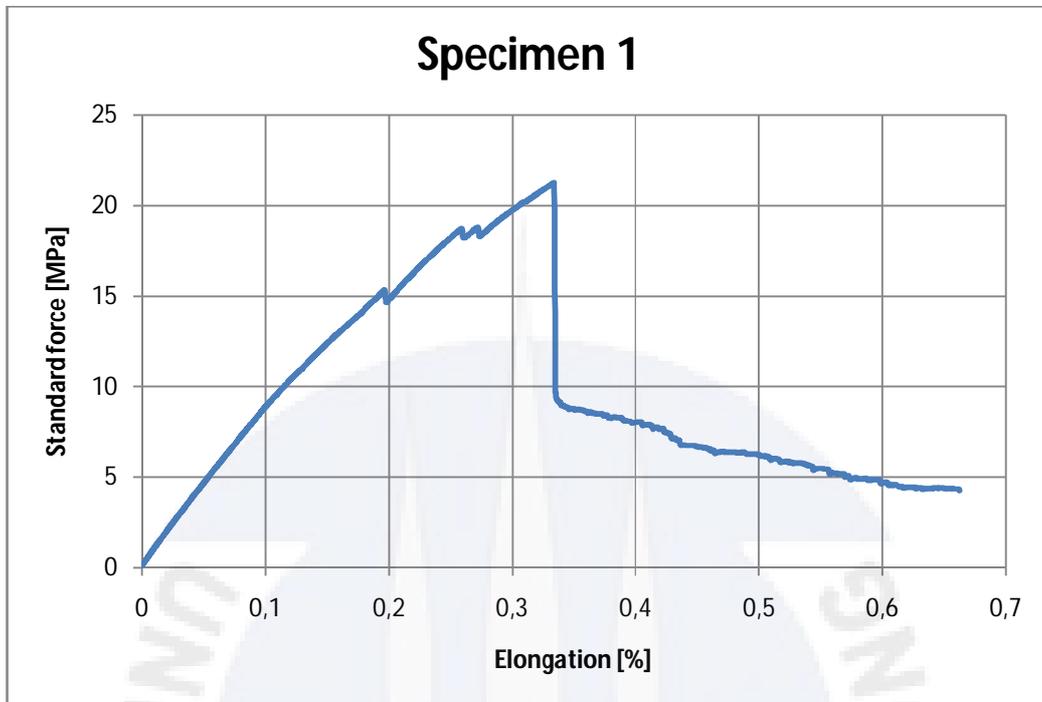


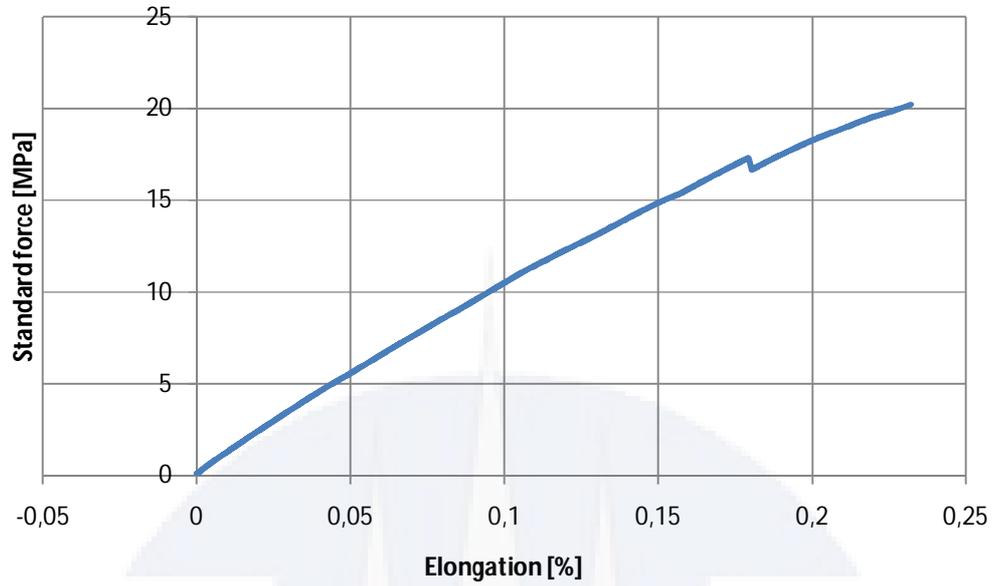


LAMPIRAN

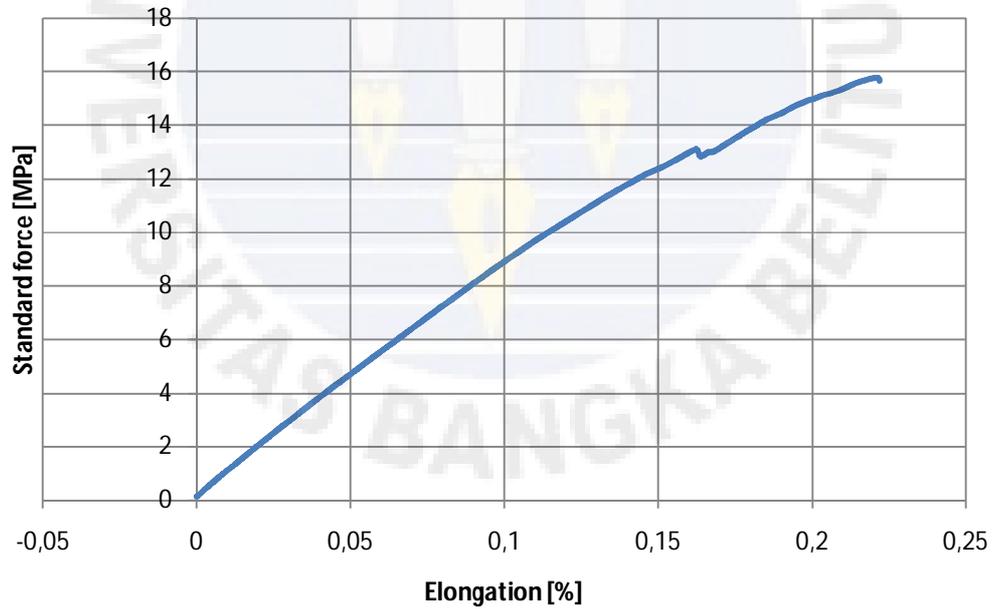
Lampiran 1 grafik kekuatan tarik



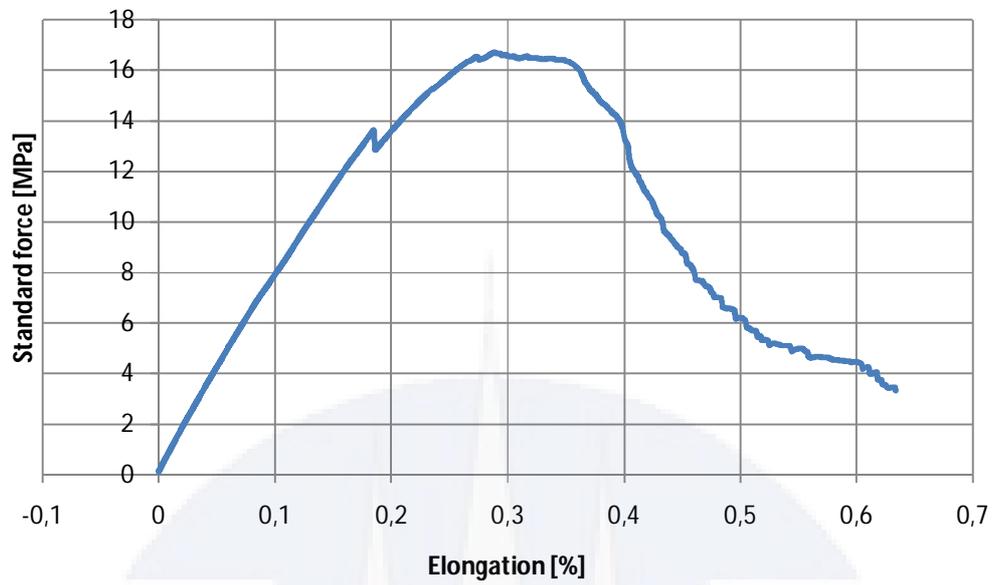
### Specimen 3



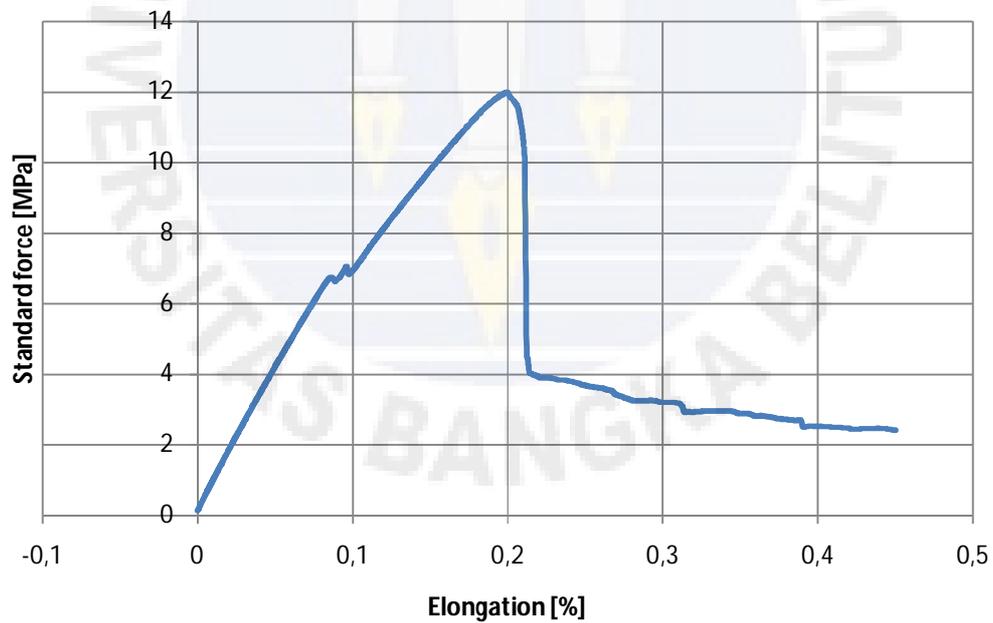
### Specimen 4



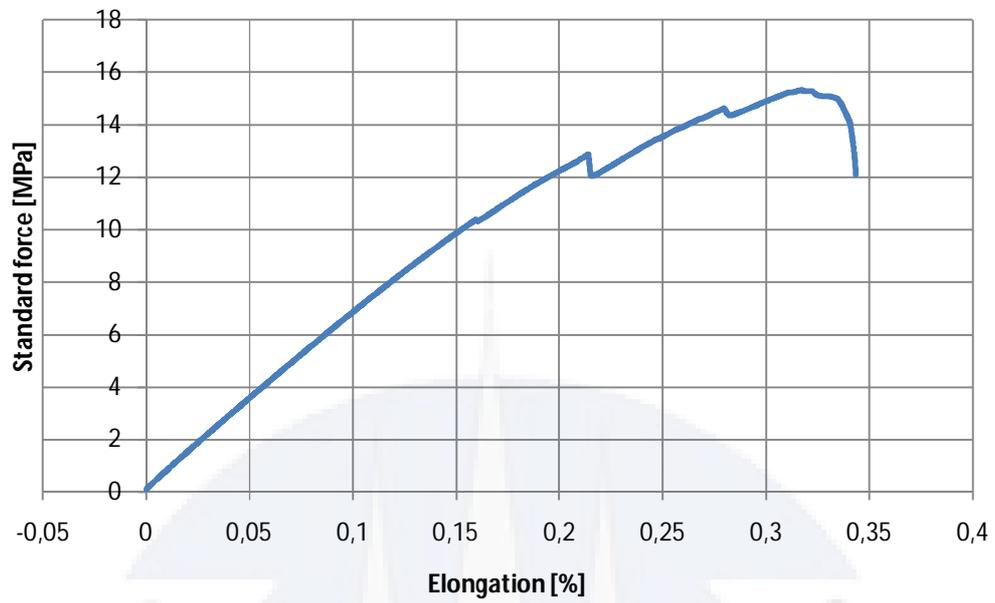
### Specimen 5



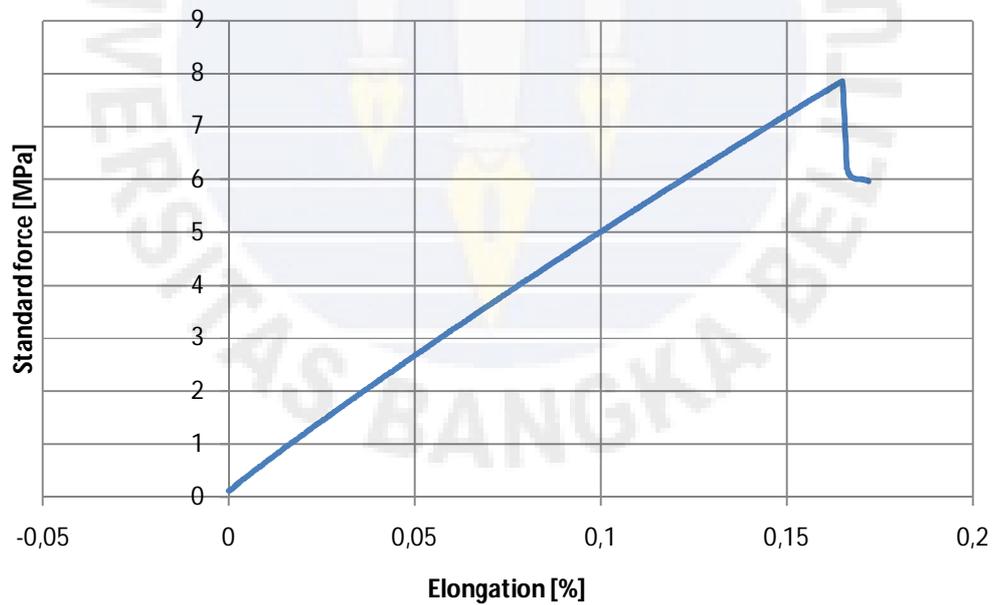
### Specimen 6



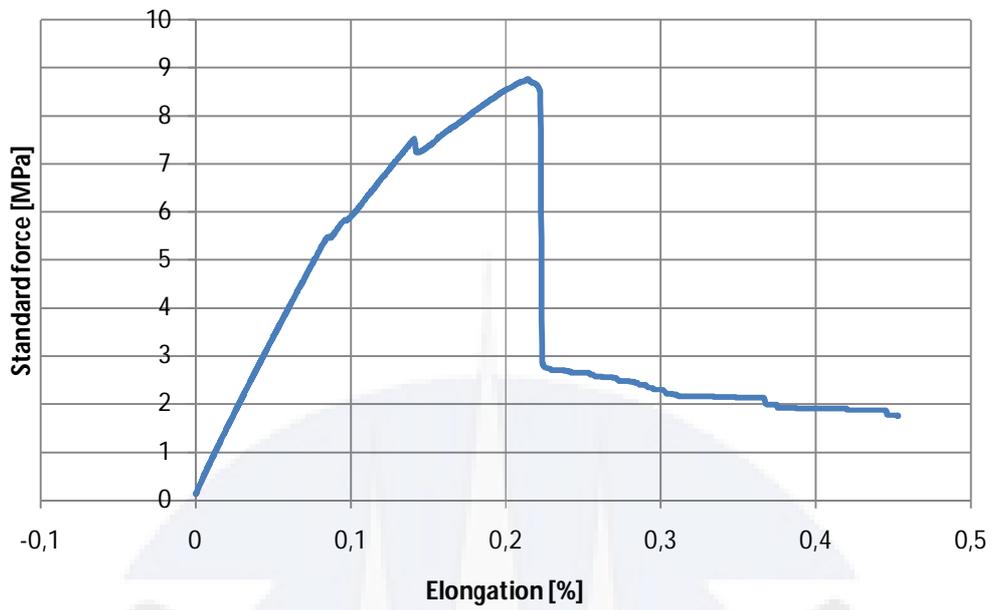
### Specimen 7



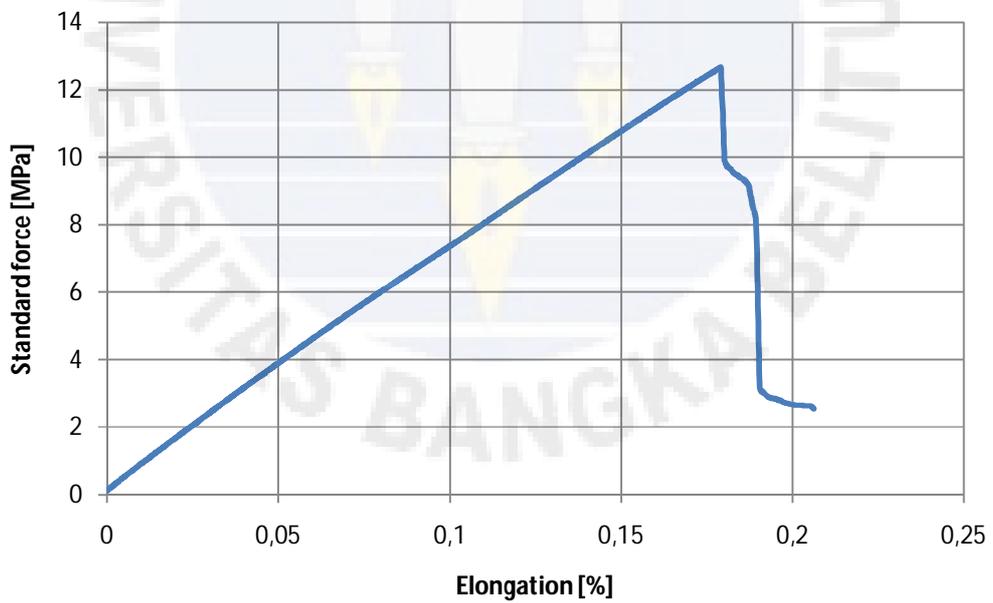
### Specimen 8



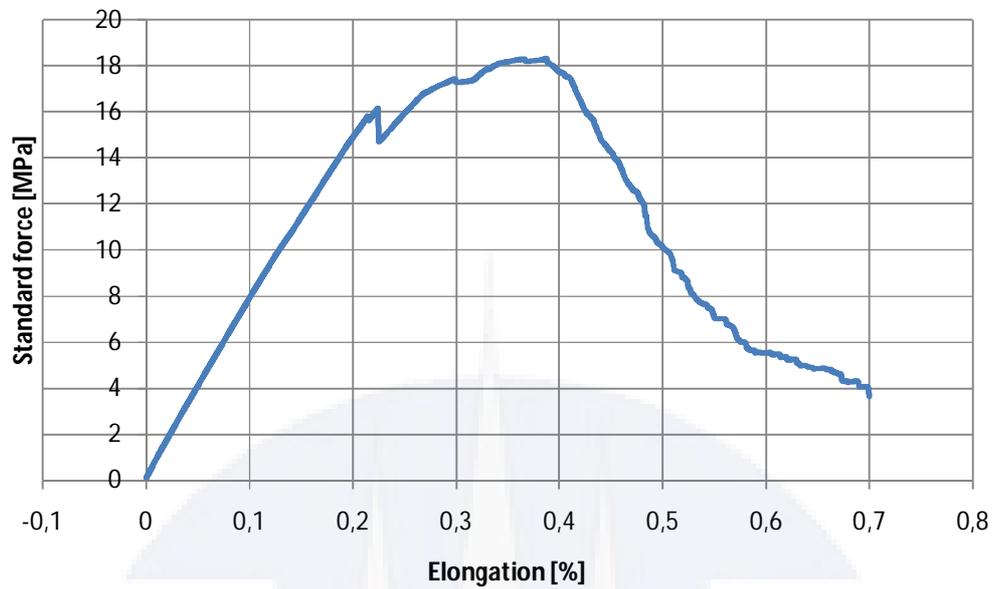
### Specimen 9



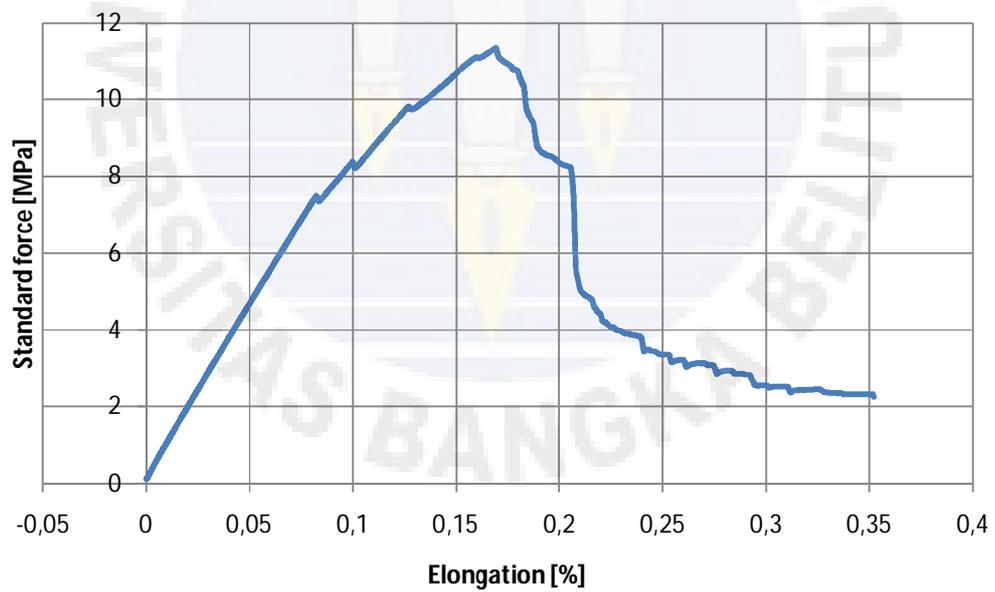
### Specimen 10



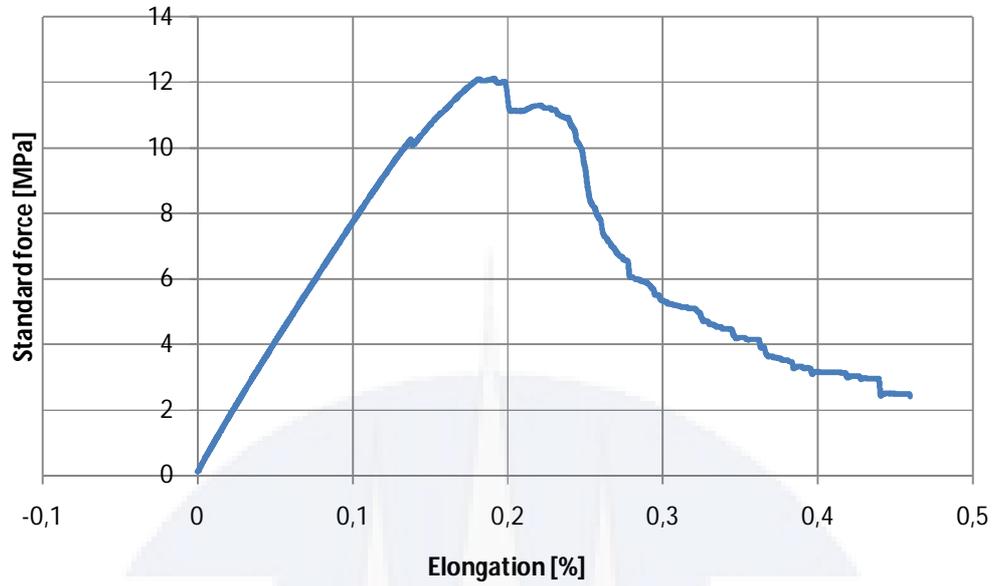
### Specimen 11



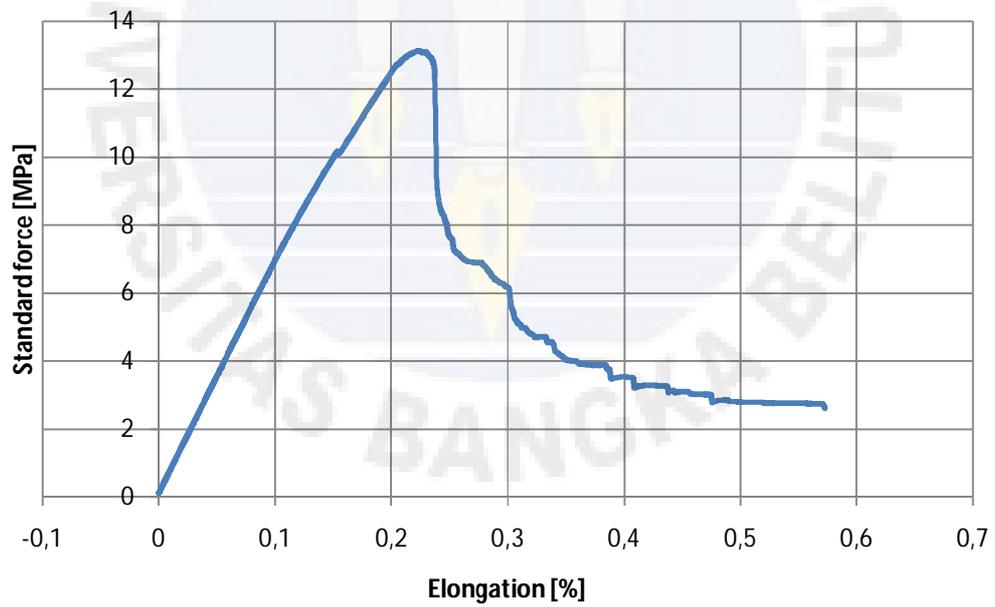
### Specimen 12



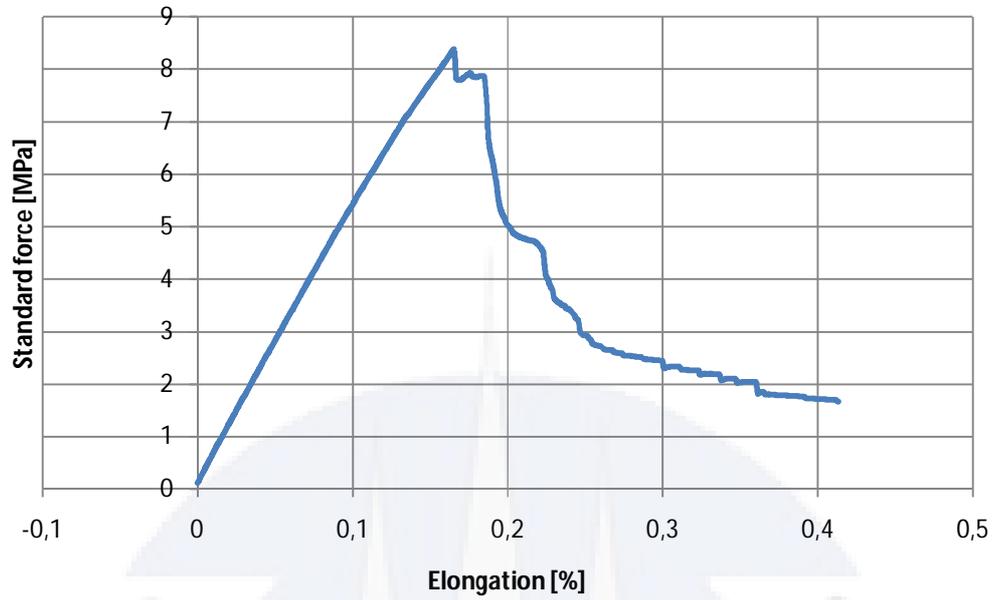
### Specimen 13



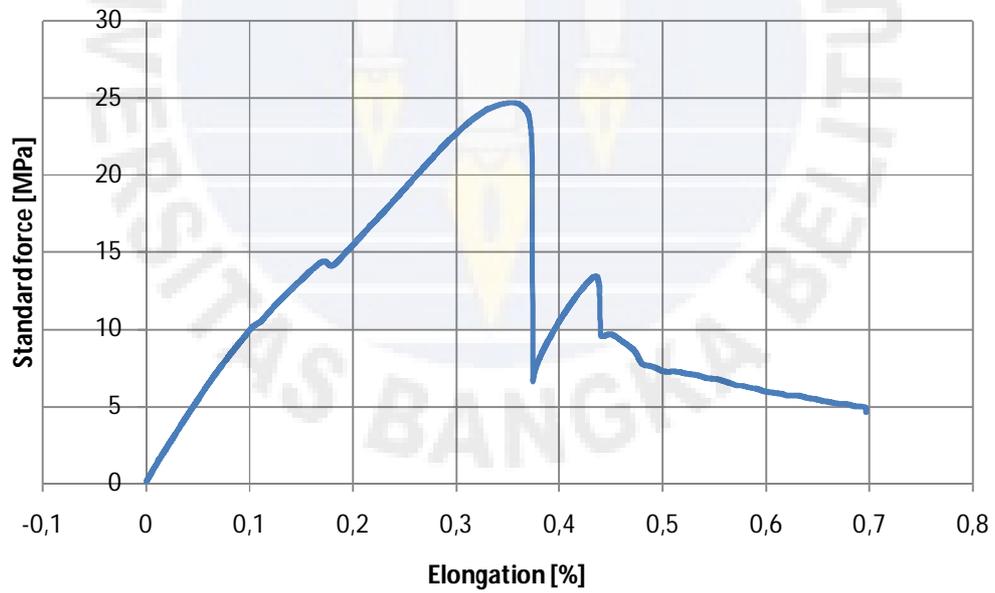
### Specimen 14



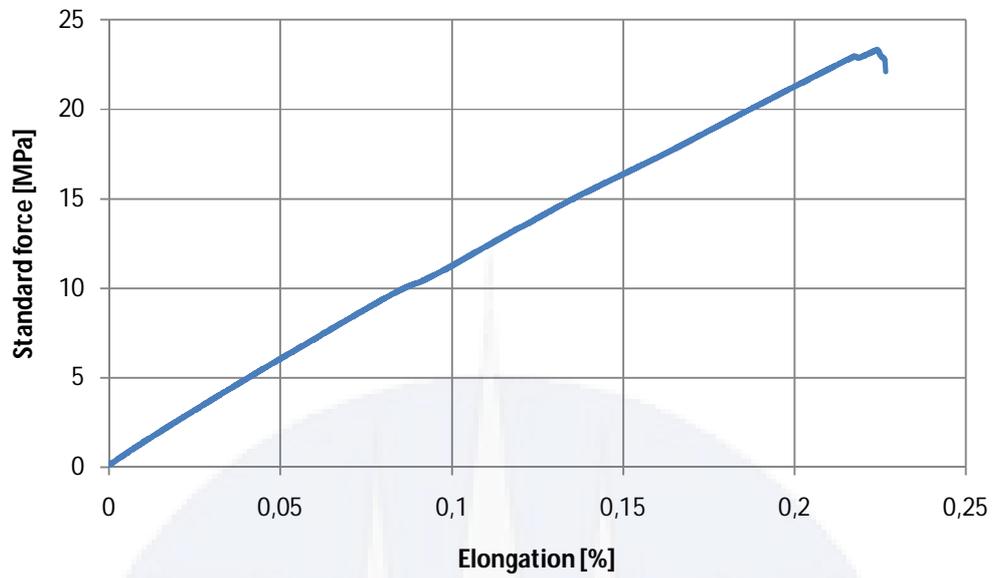
### Specimen 15



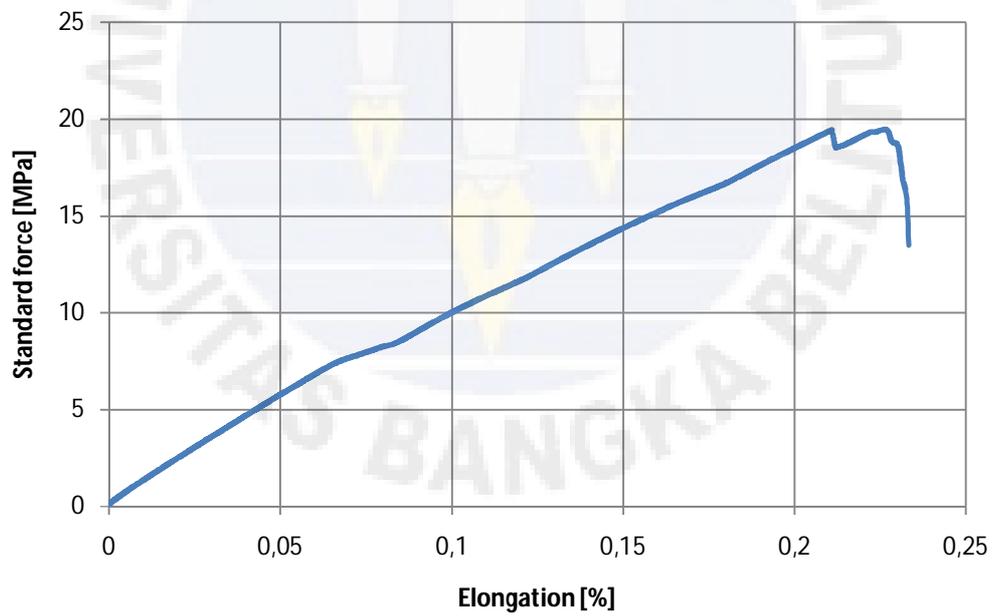
### Specimen 16



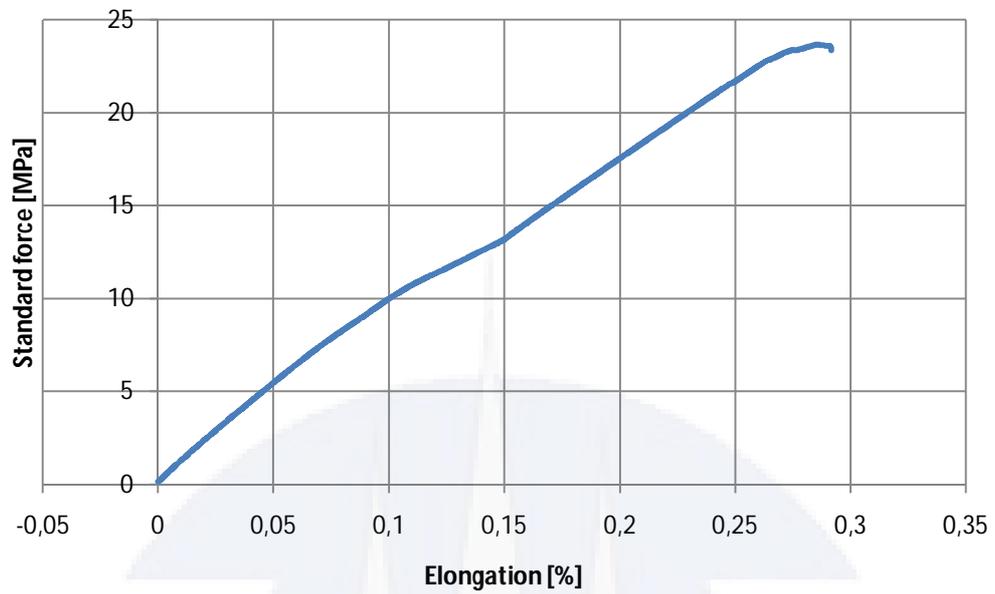
### Specimen 17



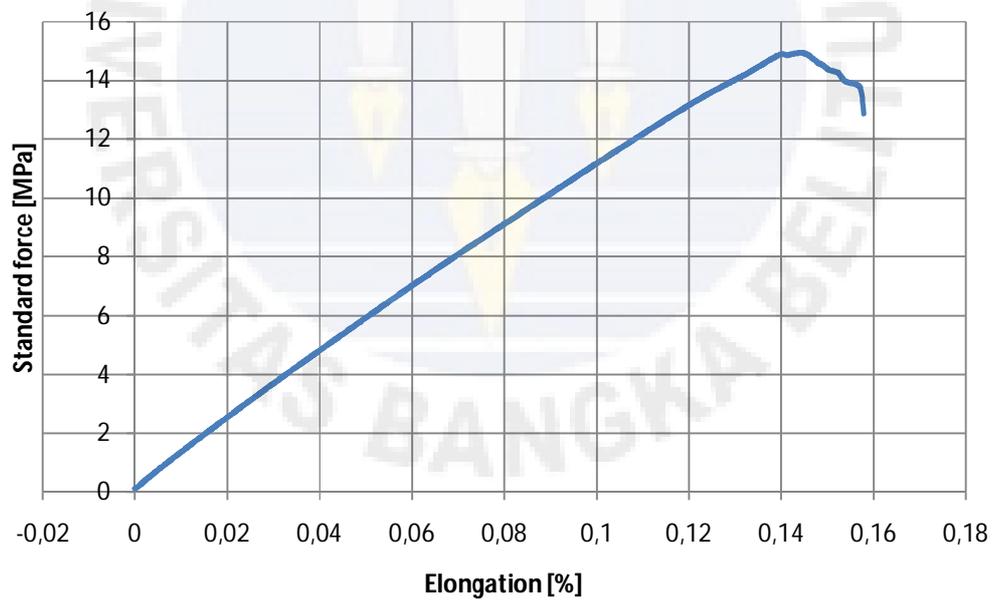
### Specimen 18



### Specimen 19



### Specimen 20



Lampiran 3 spesimen uji impak



Benda uji impak



Landasan uji impak



Spesimen impak setelah di uji



Patahan impak

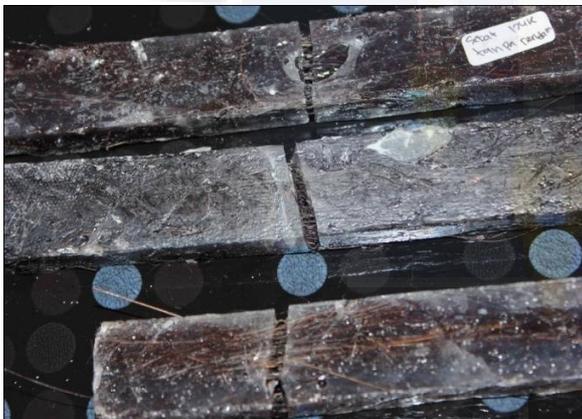
Lampiran 2 gambar spesimen uji tarik



Gambar spesimen uji tarik



Gambar patahan spesimen uji tarik



Gambar patahan spesimen uji tarik



Patahan spesimen uji tarik

Lampiran 4 perendaman serat ijuk



Gambar serat dengan rendaman NaOH



Gambar serat rendaman air biasa



Gambar cairan NaOH 5%