**LAMPIRAN**

**Lampiran 1 contoh uji percobaan Penyempurnaan Tahan Kotor Eltex C-106**

| Konsentrasi Eltex C-106 (g/L) | Suhu Pemanasawetan (°C) | | |
|---|---|---|---|
| | 160°C | 170°C | 180°C |
| Blanko | | | |
| 10 | | | |
| 12,5 | | | |
| 15 | | | |
| 17,5 | | | |
| 20 | | | |

**Lampiran 2 Detergen Acuan AATCC 2010 WOB**

(Formula nol-fosfat tanpa pemutih)

| **Komposisi Nominal** | **Persen (%)** |
|---|---|
| Alkilbenzensulfonat, linier garam natrium (a) | 18.00 |
| Natrium Aluminosilikat pekat | 25.00 |
| Natrium karbonat | 18.00 |
| Natrium silikat padat (b) | 0.50 |
| Natrium sulfonat | 22.13 |
| Polietilena glikol (c) | 2.76 |
| Natrium poliakrilat | 3.50 |
| Silicon, pengurang busa | 0.04 |
| Uap air | 10.00 |
| Lain-lain, tidak bereaksi dengan surfaktan | 0.07 |
| Total | 100 |

Keterangan :

a = C11.8LAS, diperkenalkan sebagai stepan's calsoft L 50-12

b = Si$\mathbf{O_2}$/N$\boldsymbol{a_2O}$ = 1,6

c = 2% diperkenalkan sebagai butiran dasar dan 0,76% diperkenalkan melalui pengurangan busa campuran

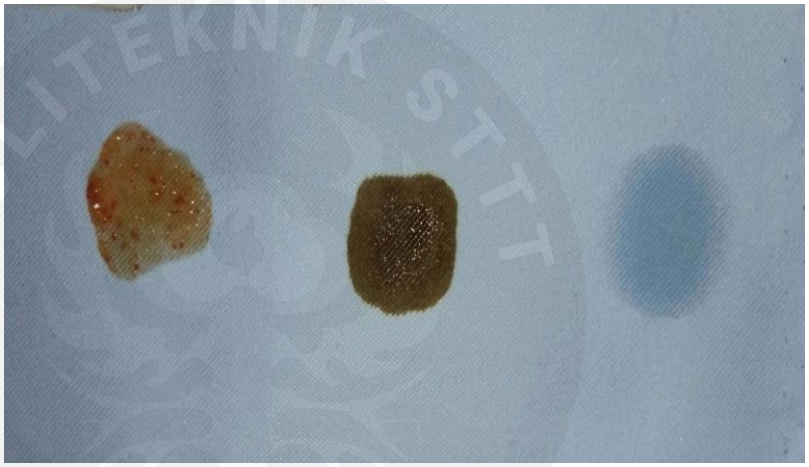
## Lampiran 3 Tabel Data Uji Daya Serap (Uji Tetes)

| Variasi | 1 | 2 | Rata-rata (detik) |
|---|---|---|---|
| Blangko | 6,81 | 6,93 | 6.87 |
| *Eltex C-106* 10 g/L, Curing 160°C | 4,63 | 4,80 | 4.71 |
| *Eltex C-106* 12,5 g/L, Curing 160°C | 4,14 | 4,23 | 4.18 |
| *Eltex C-106* 15 g/L, Curing 160°C | 3,82 | 3,28 | 3.55 |
| *Eltex C-106* 17,5 g/L, Curing 160°C | 3,37 | 3,55 | 3.46 |
| *Eltex C-106* 20 g/L, Curing 160°C | 3,09 | 3,20 | 3.14 |
| Blangko | 6,27 | 6,32 | 6.29 |
| *Eltex C-106* 10 g/L, Curing 170°C | 3,84 | 3,92 | 3.88 |
| *Eltex C-106* 12,5 g/L, Curing 170°C | 3,60 | 3,58 | 3.59 |
| *Eltex C-106* 15 g/L, Curing 170°C | 3,25 | 3,28 | 3.26 |
| *Eltex C-106* 17,5 g/L, Curing 170°C | 3,07 | 2,95 | 3.01 |
| *Eltex C-106* 20 g/L, Curing 170°C | 2,85 | 2.73 | 2.79 |
| Blangko | 5,98 | 6,04 | 6.01 |
| *Eltex C-106* 10 g/L, Curing 180°C | 3,42 | 3,55 | 2.93 |
| *Eltex C-106* 12,5 g/L, Curing 180°C | 3,27 | 3,34 | 3.05 |
| *Eltex C-106* 15 g/L, Curing 180°C | 3,15 | 3,17 | 3.16 |
| *Eltex C-106* 17,5 g/L, Curing 180°C | 2,77 | 2,68 | 2.97 |
| *Eltex C-106* 20 g/L, Curing 180°C | 2,31 | 2,23 | 2.82 |

## Lampiran 4 Tabel Data Uji Daya Serap (Uji Kapilaritas)

| Variasi | 1 | 2 | Rata-rata (cm) |
|---|---|---|---|
| Blangko | 6,00 | 6,00 | 6,00 |
| *Eltex C-106* 10 g/L, Curing 160°C | 10,30 | 10,60 | 10.45 |
| *Eltex C-106* 12,5 g/L, Curing 160°C | 10,90 | 10,90 | 10.9 |
| *Eltex C-106* 15 g/L, Curing 160°C | 11,40 | 11,20 | 11.3 |
| *Eltex C-106* 17,5 g/L, Curing 160°C | 11,80 | 12,00 | 11.9 |
| *Eltex C-106* 20 g/L, Curing 160°C | 12,60 | 12,50 | 7.05 |
| Blangko | 6,10 | 6,10 | 6.10 |
| *Eltex C-106* 10 g/L, Curing 170°C | 11,40 | 11,30 | 11.35 |
| *Eltex C-106* 12,5 g/L, Curing 170°C | 12,00 | 12,10 | 12.05 |
| *Eltex C-106* 15 g/L, Curing 170°C | 12,50 | 12,50 | 12.50 |
| *Eltex C-106* 17,5 g/L, Curing 170°C | 13,00 | 13,10 | 13.05 |
| *Eltex C-106* 20 g/L, Curing 170°C | 13,60 | 13,70 | 13.65 |
| Blangko | 6,30 | 6,30 | 6.30 |
| *Eltex C-106* 10 g/L, Curing 180°C | 12,30 | 12,30 | 12.30 |
| *Eltex C-106* 12,5 g/L, Curing 180°C | 13,10 | 13,30 | 13.20 |
| *Eltex C-106* 15 g/L, Curing 180°C | 13,90 | 14,00 | 13.95 |
| *Eltex C-106* 17,5 g/L, Curing 180°C | 14,80 | 14,00 | 14.85 |
| *Eltex C-106* 20 g/L, Curing 180°C | 15,30 | 15,00 | 15.15 |

## Lampiran 5 Tabel Kondisi Kain Saat Penyempurnaan tahan Kotor

| Kondisi Kain | |
|---|---|
| **Sebelum diberi Noda** |  |
| **Saat diberi Noda** |  |
| **Setelah diberi Noda** |  |