Data Hasil Pengujian Tarik (Tensile Test).

<table>
<thead>
<tr>
<th>% POFA</th>
<th>no</th>
<th>ukuran benda uji</th>
<th>luas (A)</th>
<th>beban yeald</th>
<th>tegangan maha</th>
<th>beban maks</th>
<th>tegangan tarik</th>
<th>Lo</th>
<th>AL</th>
<th>penguluran beban patah</th>
<th>tegangan patah</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>lebar</td>
<td>tinggi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0%</td>
<td>1</td>
<td>6,20</td>
<td>6,30</td>
<td>39,06</td>
<td>255,00</td>
<td>6,53</td>
<td>600,00</td>
<td>15,36</td>
<td>29,25</td>
<td>30,50</td>
<td>1,25</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>5,90</td>
<td>6,30</td>
<td>37,17</td>
<td>290,00</td>
<td>7,80</td>
<td>680,00</td>
<td>14,32</td>
<td>29,30</td>
<td>30,00</td>
<td>0,70</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>14,84</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.5%</td>
<td>1</td>
<td>5,90</td>
<td>6,15</td>
<td>36,29</td>
<td>270,00</td>
<td>7,44</td>
<td>645,00</td>
<td>17,78</td>
<td>30,25</td>
<td>31,20</td>
<td>0,95</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>5,70</td>
<td>6,20</td>
<td>35,34</td>
<td>270,00</td>
<td>7,64</td>
<td>615,00</td>
<td>17,40</td>
<td>26,80</td>
<td>27,65</td>
<td>0,85</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>17,59</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5%</td>
<td>1</td>
<td>5,95</td>
<td>6,20</td>
<td>36,89</td>
<td>470,00</td>
<td>3,83</td>
<td>575,00</td>
<td>15,59</td>
<td>48,15</td>
<td>48,30</td>
<td>0,31</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>5,95</td>
<td>7,25</td>
<td>43,14</td>
<td>245,00</td>
<td>5,68</td>
<td>650,00</td>
<td>15,07</td>
<td>48,20</td>
<td>49,00</td>
<td>0,80</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15,07</td>
<td></td>
<td></td>
<td>0,56</td>
</tr>
<tr>
<td>7.5%</td>
<td>1</td>
<td>5,70</td>
<td>5,80</td>
<td>33,06</td>
<td>435,00</td>
<td>13,15</td>
<td>535,00</td>
<td>16,18</td>
<td>25,70</td>
<td>25,80</td>
<td>0,10</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>5,95</td>
<td>6,20</td>
<td>36,89</td>
<td>250,00</td>
<td>6,78</td>
<td>565,00</td>
<td>15,32</td>
<td>25,70</td>
<td>26,50</td>
<td>0,80</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15,75</td>
<td></td>
<td></td>
<td>0,45</td>
</tr>
<tr>
<td>10%</td>
<td>1</td>
<td>6,90</td>
<td>6,60</td>
<td>45,54</td>
<td>560,00</td>
<td>12,29</td>
<td>500,00</td>
<td>14,08</td>
<td>27,10</td>
<td>28,50</td>
<td>1,40</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>5,65</td>
<td>6,35</td>
<td>35,88</td>
<td>250,00</td>
<td>6,97</td>
<td>540</td>
<td>15,05</td>
<td>28,85</td>
<td>29,45</td>
<td>0,6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>14,56</td>
<td></td>
<td></td>
<td>1,00</td>
</tr>
<tr>
<td>12.5%</td>
<td>1</td>
<td>5,95</td>
<td>6,5</td>
<td>38,68</td>
<td>260</td>
<td>6,72</td>
<td>500</td>
<td>12,93</td>
<td>26,45</td>
<td>27,25</td>
<td>0,8</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>5,95</td>
<td>6,5</td>
<td>38,68</td>
<td>250</td>
<td>5,1</td>
<td>490</td>
<td>12,38</td>
<td>25,34</td>
<td>26,14</td>
<td>0,7</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0,75</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element</td>
<td>Wt%</td>
<td>At%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>------</td>
<td>------</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CK</td>
<td>12.82</td>
<td>22.60</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OK</td>
<td>24.52</td>
<td>32.44</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MnL</td>
<td>04.03</td>
<td>01.55</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FeL</td>
<td>00.66</td>
<td>00.25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CuL</td>
<td>00.00</td>
<td>00.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZnL</td>
<td>01.08</td>
<td>00.35</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MgK</td>
<td>00.52</td>
<td>00.45</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AlK</td>
<td>14.83</td>
<td>11.64</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SiK</td>
<td>40.51</td>
<td>30.53</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SnL</td>
<td>01.02</td>
<td>00.18</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CaK</td>
<td>00.00</td>
<td>00.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Matrix</td>
<td>Correction</td>
<td>ZAF</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Element** | **Wt%** | **At%**
--- | --- | ---
CK | 00.45 | 01.05
OK | 00.76 | 01.32
MnL | 00.00 | 00.00
FeL | 08.57 | 04.30
CuL | 00.29 | 00.13
ZnL | 00.10 | 00.04
MgK | 12.16 | 14.01
AlK | 52.17 | 54.14
SiK | 24.92 | 24.84
SnL | 00.52 | 00.12
CaK | 00.05 | 00.04
**Matrix** | **Correction** | **ZAF**
<table>
<thead>
<tr>
<th>Element</th>
<th>Wt%</th>
<th>At%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CK</td>
<td>07.19</td>
<td>15.95</td>
</tr>
<tr>
<td>OK</td>
<td>02.93</td>
<td>04.88</td>
</tr>
<tr>
<td>MnL</td>
<td>00.00</td>
<td>00.00</td>
</tr>
<tr>
<td>FeL</td>
<td>00.00</td>
<td>00.00</td>
</tr>
<tr>
<td>CuL</td>
<td>00.00</td>
<td>00.00</td>
</tr>
<tr>
<td>ZnL</td>
<td>08.66</td>
<td>03.53</td>
</tr>
<tr>
<td>MgK</td>
<td>00.58</td>
<td>00.63</td>
</tr>
<tr>
<td>AlK</td>
<td>64.38</td>
<td>63.53</td>
</tr>
<tr>
<td>SiK</td>
<td>02.57</td>
<td>02.44</td>
</tr>
<tr>
<td>CIK</td>
<td>11.36</td>
<td>08.53</td>
</tr>
<tr>
<td>SnL</td>
<td>02.33</td>
<td>00.52</td>
</tr>
<tr>
<td>CaK</td>
<td>00.00</td>
<td>00.00</td>
</tr>
<tr>
<td><strong>Matrix</strong></td>
<td>Correction</td>
<td>ZAF</td>
</tr>
</tbody>
</table>