# Lampiran 3

## Tabel Ketangguhan Impak

<table>
<thead>
<tr>
<th>No</th>
<th>A (mm²)</th>
<th>L (Cm)</th>
<th>F (Kg)</th>
<th>α ('')</th>
<th>α' ('')</th>
<th>β ('')</th>
<th>β' ('')</th>
<th>Θ ('')</th>
<th>E' (Kg/mm)</th>
<th>E1 (Kg/mm)</th>
<th>E2 (Kg/mm)</th>
<th>E (kg.cm)</th>
<th>E (J)</th>
<th>HK (J/mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>50.7</td>
<td>32.7</td>
<td>0.49</td>
<td>150</td>
<td>141</td>
<td>115</td>
<td>95</td>
<td>146</td>
<td>7.13</td>
<td>3.3996156</td>
<td>0.83145928</td>
<td>2.898925092</td>
<td>0.289893</td>
<td>0.005717801</td>
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<td>2</td>
<td>48.8</td>
<td>32.7</td>
<td>0.49</td>
<td>150</td>
<td>141</td>
<td>106</td>
<td>85</td>
<td>146</td>
<td>9.49</td>
<td>3.6185746</td>
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<td>5.039966154</td>
<td>0.503997</td>
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<td>150</td>
<td>141</td>
<td>86</td>
<td>60</td>
<td>146</td>
<td>15.04</td>
<td>4.1589537</td>
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<td>10.04958705</td>
<td>1.004959</td>
<td>0.017977794</td>
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<tr>
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<td>51.6</td>
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<td>70</td>
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<td>4.940793413</td>
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</tr>
</tbody>
</table>

| Rata-ra | 0.617736 | 0.012214074 |
| Standar Deviasi | 0.281665 | 0.004733252 |
| Min | 0.289893 | 0.005717801 |
| Max | 1.004959 | 0.017977794 |