## Makomo Commercial Washed Coking Coal Products Spreadsheet 2018

### Coking Coal Products

<table>
<thead>
<tr>
<th>Parameter</th>
<th>30-50mm</th>
<th>10-30mm</th>
<th>4-10mm</th>
<th>0-4mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free Moisture (%)</td>
<td>1.3</td>
<td>1.3</td>
<td>5</td>
<td>5.0</td>
</tr>
<tr>
<td>Inherent Moisture (%)</td>
<td>0.9</td>
<td>1</td>
<td>1.1</td>
<td>0.8</td>
</tr>
<tr>
<td>Ash (%)</td>
<td>7.0</td>
<td>6.5</td>
<td>7.5</td>
<td></td>
</tr>
<tr>
<td>Volatile Matter (%)</td>
<td>25.1</td>
<td>25.7</td>
<td>24.6</td>
<td>22.2</td>
</tr>
<tr>
<td>Dry Ash Volatile Matter (%)</td>
<td>67.0</td>
<td>66.8</td>
<td>66.8</td>
<td>64.2</td>
</tr>
<tr>
<td>Fixed Carbon (%)</td>
<td>0.006-0.010</td>
<td>0.006-0.010</td>
<td>0.006-0.010</td>
<td>0.006-0.010</td>
</tr>
<tr>
<td>Phosphorous (%)</td>
<td>0.90-1.00</td>
<td>0.90-1.00</td>
<td>0.90-1.00</td>
<td>0.90-1.00</td>
</tr>
<tr>
<td>Sulphur (%)</td>
<td>33.050</td>
<td>33.20</td>
<td>32.72</td>
<td>30.30</td>
</tr>
<tr>
<td>Calorific Value (MJ/kg)</td>
<td>7898</td>
<td>7934</td>
<td>7820</td>
<td>7241</td>
</tr>
<tr>
<td>FSI</td>
<td>1.5-2.5</td>
<td>1.5-2.0</td>
<td>2.0-2.5</td>
<td>1.5-2.0</td>
</tr>
<tr>
<td>Hardgrove Grindability Ind.</td>
<td>70</td>
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<tr>
<td>Total Inertinites</td>
<td>61</td>
<td></td>
<td></td>
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<tr>
<td>Total Vitrinites</td>
<td>38</td>
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<tr>
<td>Vitrinites Classification</td>
<td>V6 to V10</td>
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<tr>
<td>Rmax</td>
<td>0.92</td>
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<tr>
<td>Classification</td>
<td>Sub Bituminous</td>
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</tbody>
</table>
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<thead>
<tr>
<th>Parameter</th>
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<th>4-10mm</th>
<th>0-4mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Nuts</td>
<td>Peas</td>
<td>Duff</td>
<td>Fines</td>
</tr>
<tr>
<td>Sizing Distribution %</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>+53-63</td>
<td>3.4</td>
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<tr>
<td>+40-53</td>
<td>21.9</td>
<td>3.4</td>
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<tr>
<td>+31.5-40</td>
<td>63.5</td>
<td>41.4</td>
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<tr>
<td>+22.4 - 31.5</td>
<td>11.2</td>
<td>52.7</td>
<td>14.0</td>
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<tr>
<td>+13.2 - 22.4</td>
<td>2.5</td>
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</tr>
<tr>
<td>+6.7 - 13.2</td>
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<td>66.4</td>
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</tr>
<tr>
<td>+3.35-6.7</td>
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<td>19.6</td>
<td>8.4</td>
</tr>
<tr>
<td>+1.00 - 3.35</td>
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<td>25.1</td>
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<tr>
<td>+0.50-1.00</td>
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<td></td>
<td></td>
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<tr>
<td>-0.50</td>
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<td>40.6</td>
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</tbody>
</table>

Speak to us about your requirements:

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