SelectWear 60HB-MCO

**Description**

SelectWear 60HB deposits an alloy with high hardness and high wear resistance. It does not rely on chromium content for its properties. It does not need shielding gas.

**Alloy Group**

High hardness non-chromium containing hard surfacing alloy

**Applications**

Designed for general hard surfacing application where high hardness, good metal-to-earth wear resistance and good impact resistance are required. It has very good resistance to metal-to-metal wear.

**Deposit Properties**

- Chemistry: Fe-B-C
- Hardness (2 layers): Rc 62-66
- Not machinable
- Deposits do not cross check

**Recommended Welding Parameters**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Polarity</th>
<th>Current (amps)</th>
<th>Voltage</th>
<th>ESO</th>
</tr>
</thead>
<tbody>
<tr>
<td>.045&quot;</td>
<td>DCEP</td>
<td>150-200</td>
<td>23-27</td>
<td>½&quot;-1&quot;</td>
</tr>
<tr>
<td>1/16&quot;</td>
<td>DCEP</td>
<td>200-270</td>
<td>24-28</td>
<td>¾&quot;-1¼&quot;</td>
</tr>
<tr>
<td>7/64&quot;</td>
<td>DCEP</td>
<td>300-600</td>
<td>27-31</td>
<td>1&quot;-1¼&quot;</td>
</tr>
</tbody>
</table>

Notice: The results reported are based upon testing of the product under controlled laboratory conditions in accordance with American Welding Society Standards. Actual use of the product may produce different results due to varying conditions. An example of such conditions would be electrode size, plate chemistry, environment, weldment design, fabrication methods, welding procedure and service requirements. Thus the results are not guarantees for use in the field.