STANNOL® - Solder- Sn60Pb40 and Sn63Pb37

Discription:

STANNOL® - Solder- Sn60Pb40 and Sn63Pb37 are Soft solders, according to S-Sn60Pb40E oder S-Sn63Pb37E (DIN EN 29453).

STANNOL® - SOLDER- Sn60Pb40 and Sn63Pb37 are used in shape of bars and ingots for application in wave soldering or dip soldering. Solid solder can be used in combination with fluxes for soft soldering dependent on the type of application. Fields of application are hand craft, industrial art, electric and electronics.

Solder were also made as wire (solid and flux cored), paste (with flux) and solder preforms.

STANNOL® - SOLDER- Sn60Pb40 and Sn63Pb37 provide following advantages:

- Excellent wetting
- Fast flowing solder
- Excellent shape of solder joints.
- Shiny joints

<table>
<thead>
<tr>
<th></th>
<th>Sn60Pb40</th>
<th>Sn63Pb37</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point /-range</td>
<td>183 -188 °C</td>
<td>183°C</td>
</tr>
<tr>
<td>Density</td>
<td>8,5 g/cm³</td>
<td>8,4 g/cm³</td>
</tr>
<tr>
<td>Therm. Coefficient of Expansion</td>
<td>23,9*10⁻⁶ K⁻¹</td>
<td>24,0*10⁻⁶ K⁻¹</td>
</tr>
<tr>
<td>Electrical Conductivity</td>
<td>11,5% IACS</td>
<td>11,9% IACS</td>
</tr>
</tbody>
</table>

Delivery Form: casted format

- a) Triangel bars
- b) 1 kg bars
- c) Bars with eyebolt 3,5 / 4,5 / 6,5 kg

The above values are typical and represent no form of specification. The data sheet serves merely for information purposes. Any verbal or written advise is not binding for the company, whether such information originates from the company offices or from a sales representative. This is also in respect of any protection rights of third parties, and does not release the customer from the responsibility of verifying the products of the company for suitability of use for the intended process or purpose. Should any liability on the part of the company arise, the company will only indemnify for loss or damage to the same extent as for defects in quality.