LGL2

Sprayable swabbing compound to lubricate the blank and blow moulds in the hollow glass industry

LGL2 is a sprayable, semi-liquid swabbing compound, which is recommended for the lubrication of blank and blow moulds in the hollow glass industry. It is optimised for sprayable application to get a very thin and defined layer. It is recommended to apply LGL2 with the BlankRobot of XPAR Vision. The active ingredients, which consist of components containing aluminium, protect the moulds and ensure a long-lasting layer. The insertion of the aluminium into the glass surface additionally ensures a higher breaking strength of the manufactured glass. LGL2 also provides excellent loading and releasing properties. LGL2 is used in a wide range of hollow glass articles. It works for all kinds of container glass production, blow and blow, press and blow production as well as the NNPB process.

Typical properties

LGL2 has the following advantages:

- Sprayable and thus definable application of lubricant
- Lower consumption of lubricant in comparison to other products
- Very long-lasting effect, extended time intervals between swabbing operations up to 3 hours
- Aluminium containing active ingredients protect moulds and increase the breaking strength of the manufactured glass
- No glass staining when properly applied on moulds
- No influence on the colour or tint of the glass
- Excellent loading and releasing properties
- Cleaner moulds and cleaner equipment
- Less residue build up in the moulds and cleaner machine environment, thus reducing maintenance costs, mould changes as well as operator interventions
Technical details and applications

LGL2 is a sprayable mixture of base oils, additives and solid lubricants including graphite. It is recommended to apply LGL2 with the BlankRobot of XPAR Vision.

<table>
<thead>
<tr>
<th>Composition</th>
<th>Synthetic base oils, additives and solid lubricants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Semi-liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Black</td>
</tr>
<tr>
<td>Base oil content</td>
<td>73 to 77%</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 210 °C</td>
</tr>
<tr>
<td>Graphite</td>
<td>&gt; 18%</td>
</tr>
<tr>
<td>Active ingredients</td>
<td>&gt; 23%</td>
</tr>
<tr>
<td>Viscosity (20°C)</td>
<td>220 mPa·s</td>
</tr>
<tr>
<td>Density (20°C)</td>
<td>0.937 g/cm³</td>
</tr>
</tbody>
</table>

Storage

The product must be protected from heat and cold. Storage time: 6 months

Processing

The product must be stirred well before use. The use is possible from room temperature up to 70°C.

Safety

All information related to safety, hygiene and transport are indicated in a safety data sheet available on request. Product intended for professional use.

One-way packaging

LGL2 is available in 500ml, 750ml and 1000ml bottles. Other packages on request.

The information provided is based on the current state of our knowledge and has been given in good faith. It cannot in any case ensure that our products hold such or such property or can be used for a given application.