moglice FL/P (liquid/pasty)
Product number #0311

Product description
moglice FL/P is a medium-viscous 2 component low friction wayliner. It is used for the manufacturing of guideways and hydrostatic guideways. The exact impression technique enables complex shapes and structures without mechanic editing with a precision in the µm-area. In the modern production technique this results in significantly reduced processing times and costs. The material can either stick to the to be moulded surface or can be stripped off using a micro thin layer of Diamant-release agent. The result is a exact copy of the tool surface.

Characteristics
- µm-exact moulding
- High dimensional stability
- Hohe resistance against cooling emulsions, mineral and synthetical lubricants and cutting materials
- Anti-Sick-Slip behaviour
- Emergency running characteristics
- Outstanding power transmission due to full support of the contact surfaces

Chemical resistance
If any questions regarding the chemical resistance occur please contact our technicians.

Packungsgrößen
0.1 kg
0.25 kg
0.5 kg
1.0 kg

moglice FL/P is delivered in ready to use package sizes. The product consists of 2 components. Both components have to be mixed with each other completely. We do not recommend using smaller quantities because it might lead to mixing erro

Technical data

<table>
<thead>
<tr>
<th>Technical data</th>
<th>Test procedure</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-Modul [N/mm²]</td>
<td>DIN EN 13412-2006</td>
<td>9100</td>
</tr>
<tr>
<td>Compressive strength [N/mm²]</td>
<td>DIN EN 12190:1998</td>
<td>105</td>
</tr>
<tr>
<td>Viscosity [mPas]</td>
<td>DIN EN ISO 3219-1994</td>
<td>25000</td>
</tr>
<tr>
<td>Density [g/cm³]</td>
<td></td>
<td>1,6</td>
</tr>
<tr>
<td>Pot life (+20°C) [min]</td>
<td>DIN EN ISO 9514</td>
<td>50</td>
</tr>
<tr>
<td>Curing time (+20°C) [h]</td>
<td></td>
<td>24</td>
</tr>
<tr>
<td>Curing time until moulding (+20°C) [h]</td>
<td>-</td>
<td>18</td>
</tr>
<tr>
<td>Shore-D Hardness</td>
<td>DIN ES ISO 868</td>
<td>86</td>
</tr>
<tr>
<td>Shrinkage [%]</td>
<td>DIN EN 12617-4/2002</td>
<td>&lt; 0,1</td>
</tr>
<tr>
<td>Thermal resistance [°C]</td>
<td></td>
<td>-20°C to 60°C to 60°C to 125°C</td>
</tr>
</tbody>
</table>

Storage/durability:
Store dry, cool and frost-free in the original, unopened container (5 °C - +20 °C). Durability 18 months. Avoid direct sunlight. Higher temperatures reduce the shelf life.

Important notes
Please consider the information given in the safety data sheet.
**Work preparation**
To be coated guide surface is provided to improve the adhesion with a roughening. The roughness should be 0.5 mm (Rt - 500µm). The roughening can be made on a milling machine with a knife-head with a large feed.

**Mixing process**
For mixing moglise FL/P, component B is completely added to the container of component A. Mix thoroughly with a drilling machine and the DIAMANT mixing propeller (Prod.No. #0789) (max. 250 rpm for approx. 2 minutes). Strip material adhering to the wall of the container with a spatula and add to the mixture. Mix again thoroughly.

**Venting**
moglise FL / P should be placed in a long, thin, uninterrupted stream in a clean container.

**Application description**
moglise FL / P must be injected with a hand cartridge through an inlet channel into the prepared, sealed cavity. To avoid the influence of air, fill the cavity from the lowest point.

**Disposal**
Any material which is not used, mixed correctly and completely cured can be disposed normally (EAVK 170203). Not mixed material has to be disposed as chemical waste (EAVK 080111). If booked the DIAMANT service team will dispose the waste.

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**moglise FL/P #0311**

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The listed technical data were determined under laboratory conditions and verified by quality assurance processes at the day of production. Changes are reserved and can be implemented without previous information. The customer is responsible for the verification of data topicality and should be requested before the material ordering at DIAMANT. Application, use and processing of the products happen outside of our control options and therefore lie entirely in the area of responsibility of the customer. Should nevertheless a liability come into question so is this liability limited to the value of the items delivered and used by you. We guarantee the perfect quality of our products according our general sale and delivery conditions. All technical data can differ depending on burden and operating conditions. Specific application data will be provided upon request in every individual case.

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