MORE OPTIONS
THANKS TO CUSTOMIZABLE PACKAGING SIZES

When it comes to drum size, ELASTOSIL® VARIO is likewise tailored to your needs, allowing you to choose between drums, pails and PE canisters. The main benefit? No need for lot numbers to match!

Thus, You Can Continue to Rely on the Advantages of ELASTOSIL® Silicone Rubber:
• Consistently high quality
• Uncomplicated, customized handling
• Comprehensive consultation services from regional representatives

ELASTOSIL® is a registered trademark of Wacker Chemie AG.

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Your local partner:

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ELASTOSIL® VARIO 15 or 40 is offered in drums (200kg), pails (20kg) or PE canisters (5kg).
MORE FLEXIBILITY MADE SIMPLE: ELASTOSIL® VARIO

Are you looking for a silicone rubber with a specific hardness and a specific level of reactivity? No problem! The innovative ELASTOSIL® VARIO system lets you simply blend your own silicone rubber – the WACKER quality you count on remains the same.

Applications:
- General potting or casting applications without the demand for specific product properties
- Encapsulation of electrical and electronic components
- Coatings
- Manufacture of technical parts
- Mold making

The Advantages:
- Flexible hardness
- Variable reactivity
- Color can be adjusted to individual needs
- Outstanding mechanical properties
- Low density
- Long shelf life

MORE VARIABILITY THANKS TO SHORE A HARDNESS BETWEEN 15 AND 40

Since ELASTOSIL® VARIO consists of two different silicone rubber grades (ELASTOSIL® VARIO 15 and ELASTOSIL® VARIO 40) and two different catalysts (the VARIO and VARIO F catalysts), customers can simply blend a silicone rubber grade that meets their own individual specifications.

Adjusting Hardness to Individual Needs
The two rubber grades can be processed in any desired blending ratio. The formula for adjusting hardness is simple: the more ELASTOSIL® VARIO 15 used, the lower the Shore hardness grade. The relationship between hardness and the amount of ELASTOSIL® VARIO 15 used is linear. The mechanical properties remain at a consistently high level throughout the entire mixing range.

Adjusting Reactivity
Complementing the system are two catalysts that have been specifically designed to work with it: the ELASTOSIL® VARIO catalyst for normal reaction times and the ELASTOSIL® VARIO F catalyst for fast reactivity. Depending on the desired speed, you can cure the base rubber grades in a ratio of 10:1 with your preferred catalyst, or even a mixture of the two.

Info
We will provide you with a calculation module to make it easier for you to calculate the blending ratio.

MORE INDIVIDUALITY WITH PIGMENT PASTES FROM WACKER

ELASTOSIL® VARIO can be colored according to your individual needs without altering the properties of the silicone rubber. The extremely rich pigments of the ELASTOSIL® FL series (obtainable in cans or pails) are ideally tailored to this job.

Individual Pigmentation
All of our pigment pastes can be combined with each other to create a wide variety of hues. Our Application Technology team will be glad to help you with this.

Pigments Compliant with FDA and BfR Standards
(BfR = Germany’s Federal Institute for Risk Assessment)
We offer a wide selection of these pigments as well, along with a variety of pigments that comply with USP Class VI and ISO 10993 standards. In addition to the standard colors, WACKER also offers a wide variety of shades in different RAL gradations.

Our ELASTOSIL® FL pigment pastes can withstand temperatures of 175 °C for 42 days and 200 °C for 21 days. The pigments remain UV stable for at least 21 days (UV exposure test, sun tester). Please contact our Technical Service for requirements exceeding those listed above.

ELASTOSIL® Standard FL Pigment Pastes

<table>
<thead>
<tr>
<th>Name RAL</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>9010</td>
</tr>
<tr>
<td>Yellow</td>
<td>1016</td>
</tr>
<tr>
<td>Iron oxide red</td>
<td>9013</td>
</tr>
<tr>
<td>Blue</td>
<td>5022</td>
</tr>
<tr>
<td>Deep black</td>
<td>9011</td>
</tr>
<tr>
<td>White</td>
<td>9010</td>
</tr>
</tbody>
</table>

ELASTOSIL® VARIO Blending Ratio

The figures and information in this graphs are intended as guide only and may vary.

You can obtain detailed information from our technical advisor.