

SILMIX[®] M70 BLACK

High Consistency Silicone Rubber (HCR)

Vulcanizates made from this compound exhibit a unique combination of characteristics. They are noted for their good flexibility and mechanical properties.

Technical data

General Characteristics

| Property | Condition | Value | Method |
|------------------|-----------|-------|--------|
| Appearance | - | Black | - |
| Specific gravity | 20 °C | 1.18 | - |

These figures are only intended as a guide and should not be used in preparing specifications.

Properties Cured

Cure conditions: 10 min at 350 °F (177 °C).

| Property | Condition | Curing Agent C6 | Method |
|---------------------|---------------|-----------------|----------------------|
| Hardness Shore A | - | 71 | ASTM D 2240 |
| Tensile strength | - | 1500 psi | ASTM D 412 |
| Elongation at break | - | 530 % | ASTM D 412 |
| Tear strength | - | 170 ppi | ASTM D 624 B |
| Compression Set | 22 h 175 °C | 22 % | ASTM D 395, Method B |

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All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Application details

SILMIX® M70 BLACK is for fabricating molded articles.

Postcured parts can be used for food contact applications and are suitable for use under the Recommendation "XV. Silicones" of the BfR and FDA § 177.2600 under observance of any given limitations on extractable and volatile substances.

Packaging and storage

Packaging

This product is also available for purchase at www.SILMIX.com.

Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via SILMIX web site <http://www.SILMIX.com>.

QR Code SILMIX® M70 BLACK



For technical, quality or product safety questions, please contact:

Wacker Chemie AG, Hanns-Seidel-Platz 4, 81737 Munich, Germany
productinformation@wacker.com, www.wacker.com

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