

# SILMIX<sup>®</sup> E70 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 250 °F (121 °C).

Property	Condition	Curing Agent E	Method
Hardness Shore A	-	70	ASTM D 2240
Tensile strength	-	1500	ASTM D 412
Elongation at break	-	440 %	ASTM D 412
Compression Set	22 h   175 °C	40 %	ASTM D 395, Method B
Tear strength	-	154 ppi	ASTM D 624 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® E70 BLACK is for fabricating extruded articles.

Post cured 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](http://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® E70 BLACK



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

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

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