

SILMIX[®] M40 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

Properties Cured

Cure conditions: 10 min at 350 °F (177 °C) post-cure 4 hours at 400 °F (204 °C).

Property	Condition	Curing Agent C6	Method
Appearance	-	Black	-
Hardness Shore A	-	41	ASTM D 2240
Tensile strength	-	1500 psi	ASTM D 412
Specific gravity	-	1.12	-
Elongation at break	-	730 %	ASTM D 412
Tear strength	-	150 ppi	ASTM D 624 B
Compression Set	22 h 175 °C	16 %	ASTM D 395, Method B

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

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® M40 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® M40 BLACK



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

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The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.