

ELASTOSIL® R 752/70

HIGH CONSISTENCY SILICONE RUBBER

Product description

Vulcanizates made from ELASTOSIL® R 752/70 exhibit a very low rebound resilience and high damping capability.

Application

Some special applications, such as low-modulus damping elements, require silicone rubber with a particularly low impact resilience.

ELASTOSIL® R 752/70 meets these requirements.

Processing

ELASTOSIL® R 752/70 is suitable specifically for manufacturing particularly low-modulus rubber articles by compression, transfer or injection molding.

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 WACKER web site <http://www.wacker.com>.

Product data

Typical general characteristics	Inspection Method	Value
Hardness Shore A	DIN 53505	70
Density at 20 °C	DIN 53479	approx. 1,23 g/cm ³
Tensile strength	DIN 53504 S 1	9,60 N/mm ²
Elongation at break	DIN 53504 S 1	560 %
Tear strength	ASTM D 624 B	27 N/mm
Rebound resilience	DIN 53512	29 %
Compression set	DIN ISO 815-B (22 h / 175 °C)	39 %

Cure condition: 0.7 % crosslinker C1, 15 min / 165 °C Postcuring: 4 h / 200 °C

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

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.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

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

Wacker Chemie AG
Hanns-Seidel-Platz 4
81737 München, Germany
info.silicones@wacker.com

www.wacker.com