

ELASTOSIL® AUX STABILIZER H3



Silicone Rubber Additives

ELASTOSIL® AUX STABILIZER H3 is a ready-to-use additive comprising a heat stabilizing filler and a reactive silicone polymer which is a typical ingredient of ELASTOSIL® high-consistency rubber grades. This ensures that the batch is incorporated into the elastomer network during vulcanization and thus does not show any migration.

Properties

- Paste character, ELASTOSIL® AUX STABILIZER H3 can easily be incorporated into ELASTOSIL® R and R plus mixtures on two-roll mills.
- No impairment of ELASTOSIL® R and R plus grades when dosage recommendations are observed.
- Compatible with curing agents ELASTOSIL® AUX CURING AGENT C1 and C6 as well as ELASTOSIL® AUX BATCH PT 1 and PT 2.
- ELASTOSIL® AUX STABILIZER H3 is incompatible with ELASTOSIL® AUX CURING AGENT E

Further information about an improvement of the heat stability by use of specific ELASTOSIL® AUX Heat Stabilizers can be obtained from the Technical Information Sheet "ELASTOSIL® AUX Stabilizers H" or the latest edition of our brochures.

Specific features

- Additive
- Food-contact
- Good heat stability

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	black	-

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

ELASTOSIL® AUX STABILIZERS H are used to extend the service life of silicone elastomers at temperatures above 170 °C. The maximum recommended service temperature for use of ELASTOSIL® AUX STABILIZER H3 is 275 °C.

Processing

ELASTOSIL® AUX STABILIZERS H are incorporated into ELASTOSIL® R and R plus high-consistency rubber using standard mixing techniques. Good results are obtained by incorporating the curing agent at the same time. The recommended dosage of ELASTOSIL® AUX STABILIZER H3 is 1,5 % for peroxide curing compounds and 3 % for addition curing compounds. For detailed information please refer to the latest edition of our brochure "SOLID AND LIQUID SILICONE RUBBER - MATERIAL AND PROCESSING GUIDELINES".

Packaging and storage

Packaging

This product is available in 1 kg carton and 20 kg cardboard box.

Storage

Please store the cardboard boxes in a dry and cool place; **not exceeding temperatures >30°C for longer periods of time**. Already opened boxes should be tightly closed again to avoid any contamination **and sunlight exposure**.

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>.

QR Code ELASTOSIL® AUX STABILIZER H3



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.