

ELASTOSIL® AUX STABILIZER H0



Silicone Rubber Additives

ELASTOSIL® AUX STABILIZER H0 is a ready-to-use compound consisting of a heat stabilizing filler and a reactive silicone polymer which is typically contained in ELASTOSIL® high-consistency rubber grades. This ensures that the batch is incorporated into the elastomer during vulcanization and does not show any migration.

Properties

- Paste consistency, 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 concentration recommendations are observed.
- Compatible with curing agents ELASTOSIL® AUX CURING AGENT C1, C6 and E as well as ELASTOSIL® AUX BATCH PT 1 and PT 2.
- Opaque additive: allows application in colored silicone systems

Specific features

- Additive
- Good heat stability

Technical data

General Characteristics

Property	Condition	Value	Method
Color	-	opaque	-
Density	-	1.12 g/cm ³	DIN EN ISO 1183-1 A

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 STABILIZER H0 can extend the service life of silicone elastomers at temperatures up to 225°C.

Processing

ELASTOSIL® AUX STABILIZER H0 is incorporated into ELASTOSIL® R and R plus high-consistency rubber using common mixing techniques. Good results are obtained by incorporating the curing agent at the same time.

The recommended concentration of ELASTOSIL® AUX STABILIZER H0 is 2%. Increasing the recommended concentration does not further improve the heat resistance of the compound. At high concentrations of ELASTOSIL® AUX STABILIZER H0 a slightly decrease in hardness values may be obtained with compounds of silicone bases with high Shore A hardness values.

Please note the important storage informations. If these are not observed, there is a risk of quality loss in the form of yellowing.

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 can and 20 kg pail.

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 H0



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

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