

ELASTOSIL® AUX Batch SB 2

Additive for increasing the flame retardance of ELASTOSIL® R silicone rubbers

Characteristics

ELASTOSIL® AUX Batch SB 2 is an additive for ELASTOSIL® R Silicone Rubber formulations to make them flame retardant.

Special characteristics

ELASTOSIL® AUX Batch SB 2 is a smooth paste, which can be easily incorporated into Silicone Rubber.
The addition of ELASTOSIL® AUX Batch SB 2 leads to increased flame retardance.
ELASTOSIL® AUX Batch SB 2 is halogen free.

Application

ELASTOSIL® AUX Batch SB 2 is incorporated into ELASTOSIL® R Silicone Rubber Formulations to improve flame retardance of moulded parts or extrudates. The proportion is 2.2 parts per 100 parts.
ELASTOSIL® AUX Batch SB 2 is compatible with most ELASTOSIL® PT pigment pastes. In single cases these and/or fillers might require an adjustment of the concentration.

Processing

ELASTOSIL® AUX Batch SB 2 is incorporated into Silicone Rubber Formulations in quantities between 0.5 to 3 %.

Depending on the proportion this normally leads to an increase in hardness between 0 and 10 points and to slight changes in mechanical and other properties.
ELASTOSIL® AUX Batch SB 2 is available in 1 l and 30 l containers. Before processing one has to stir the batch thoroughly in order to compensate sedimentation. The ideal addition for the limiting oxygen index (LOI) is 2.2 Gew. %.

Storage

ELASTOSIL® AUX Batch SB 2 should be stored between 0 °C and 30 °C in the tightly closed original container. The 'Best use before end' date of each batch appears on the product label.

Any contact with sulphur and/or nitrogen compounds might impair the function of the additive and should be avoided.

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.

Product data

Property	Unit	ELASTOSIL® R 510 / 70 m. 2.2 % SB 2
LOI	%	30

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

Safety information

Detailed safety information is contained in each Material Safety Data Sheet, which can be obtained from our sales offices.

The data presented in this leaflet 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 leaflet 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 recommendations do 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 products 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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Version 1.00 from 22-01-07

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

Wacker Chemie AG
WACKER-SILICONES
Hanns-Seidel-Platz 4
D-81737 Munich, Germany

www.wacker.com
silicones@wacker.com