

ELASTOSIL[®] AUX BATCH SB 2



Silicone Rubber Additives

ELASTOSIL[®] AUX BATCH SB 2 is an additive for ELASTOSIL[®] R Silicone Rubber formulations to increase flame retardancy.

Properties

ELASTOSIL[®] AUX BATCH SB 2 is a smooth paste. The addition of ELASTOSIL[®] AUX BATCH SB 2 leads to increased flame retardancy. ELASTOSIL[®] AUX BATCH SB 2 is halogen free.

Specific features

- Additive
- Flame retardant
- heat stabilizing

Technical data

Properties Cured

100 phr ELASTOSIL® R 510/70
1.5 phr ELASTOSIL® AUX crosslinker E
2.2 phr ELASTOSIL® AUX Batch SB 2
10 min / 135°C in press

| Property | Condition | Value | Method |
|---------------------------|-----------|-------|-----------|
| LOI Limiting Oxygen index | - | 30 % | DIN 22117 |

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 BATCH SB 2 can be incorporated into ELASTOSIL® R Silicone Rubber formulations to improve flame retardance of molded parts and extrudates. 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 can be incorporated in Silicone Rubber formulations in quantities up to 2.2 phr. Depending on the concentration the mechanical properties might change slightly. Before processing, the batch has to be stirred properly in order to compensate sedimentation. The ideal addition for the limiting oxygen index (LOI) is 2.2 phr.

Packaging and storage

Packaging

This product is available in 1kg can and 20kg pail.

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.

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

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 BATCH SB 2



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

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