

ELASTOSIL[®] AUX MOULD RELEASE AGENT 32



Silicone Rubber Additives

ELASTOSIL[®] AUX MOULD RELEASE AGENT 32 mould release agent for LSR and HTV injection / compression moulding

Properties

- water-based
- low add-on weight (only 0.1 to 2% w/w solution is used)
- almost no residues
- long cleaning cycles

Specific features

- Additive
- Food-contact

Technical data

General Characteristics

Property	Condition	Value	Method
Density	-	1.10 g/cm ³	DIN EN ISO 2811
pH-Value at 20 °C (100g/l H ₂ O)	-	approx. 8	-

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 MOULD RELEASE AGENT 32 is an auxiliary that helps to improve demolding of tools for injection and compression molding. ELASTOSIL® AUX MOULD RELEASE AGENT 32 should especially be applied when using new molds to reduce the initial deforming forces.

Processing

To obtain a good release effect, an aqueous solution of 0.1 – 1 % of ELASTOSIL® AUX MOULD RELEASE AGENT 32 in water is sprayed on the hot mold. As an alternative a 1 – 2 % solution is applied to the hot mold with a brush.

For new molds the following procedure is recommended: Treatment of the new mold with ELASTOSIL® AUX MOULD RELEASE AGENT 32 should be repeated every 2 – 3 injection cycles. After 20 cycles the mold should have excellent demolding properties without further application of the release agent.

Extensive application of ELASTOSIL® AUX MOULD RELEASE AGENT 32 could lead to an impairment of the demolding properties of the mold and should therefore be avoided.

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 bottles and 5 kg pails.

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>.

QR Code ELASTOSIL® AUX MOULD RELEASE AGENT 32



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

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