

ELASTOSIL[®] AUX REPLASTICIZER 4



Silicone Rubber Additives

ready to use additive that helps to replastify heavily crepe-hardened solid silicone rubber compounds

Properties

- Paste consistency – can easily be incorporated into ELASTOSIL[®] R and R plus compounds.
- No impairment of ELASTOSIL[®] R and R plus grades when concentration recommendations are observed.
- No influence on the crosslinking characteristics of ELASTOSIL[®] R and R plus grades.

Technical data

General Characteristics

Property	Condition	Value	Method
Density	-	1.10 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 REPLASTICIZER 4 helps to replastify heavily crepe-hardened rubber compounds. Excessive crepe hardening of the rubber can be recognized by the rough surface of extrudates or difficult mold filling in compression moulding processes. In such cases, the rubber must be replastified before compounding on a roll mill.

Depending on the degree of crepe-hardening a dosage of 1 – 3 % is recommended. Using higher amounts of ELASTOSIL® AUX REPLASTICIZER 4 may result in a reduced Shore A hardness, especially when applied to ELASTOSIL® R and R plus grades with high hardness values.

Processing

Incorporation of ELASTOSIL® AUX REPLASTICIZER 4 into ELASTOSIL® R and R plus silicone rubbers is best done on two-roll mills. Depending on the degree of crepe-hardening, a homogeneous compound forms with time. Heavily crepe-hardened rubber will tear at first, form an inhomogeneous network, or crumble. ELASTOSIL® AUX REPLASTICIZER 4 can be added subsequently to obtain a homogenous silicone compound with good processability. A total dosage of 1 – 3 % ELASTOSIL® AUX REPLASTICIZER 4 is recommended.

Packaging and storage

Packaging

This product is available in 20 kg and 540 kg cardboard packaging.

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 REPLASTICIZER 4



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

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