

ELASTOSIL[®] CROSSLINKER SX



Functional Silicone Fluids

ELASTOSIL[®] CROSSLINKER SX is a hydrogenpolysiloxane containing a low percentage of reactive Si-H groups. It is used in thermal curing of addition-crosslinking solvent-based and solvent-free silicone rubbers.

Properties

- High reactivity
- For soft and elastic coatings
- Low volatiles
- Free of solvents, halogens, heavy metals

Technical data

General Characteristics

Property	Condition	Value	Method
Viscosity, dynamic	23 °C	100 mPa·s	DIN 53019
Appearance	-	colorless	-
Density	23 °C	0.97 g/cm ³	ISO 2811

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® CROSSLINKER SX is employed in the curing of addition-crosslinking solvent-based and solvent-free ELASTOSIL® liquid silicone rubber systems.

Processing

ELASTOSIL® CROSSLINKER SX should be mixed thoroughly with the silicone rubber according to the data sheet or brochures of the respective product.

Packaging and storage

Packaging

This product is available in 25 kg canisters and 200 kg drum kits.

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>.

Additional information:

Thermal stability: Provided that moisture is excluded and heating time is short, decomposition only occurs at temperatures greater than 300°C. Exposure to moisture results in decomposition at much lower temperatures, especially in the case of thin layers. Hydrogen is liberated during this process and an increase in viscosity and/or gelling is observed.

Reactivity, dangers: In the presence of specific catalysts (acids, amines, metals, metal salts, platinum catalysts, organotitanium compounds), ELASTOSIL® CROSSLINKER SX may react with water, alcohols and similar strong proton donors to liberate hydrogen. The reaction maybe particularly vigorous in the presence of traces of alkaline substances in the homogeneous mixture. Direct contact between ELASTOSIL® CROSSLINKER SX and alkalis should be avoided at all costs. The same applies to strong oxidizing agents.

QR Code ELASTOSIL® CROSSLINKER SX



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

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