



Schill + Seilacher

## Technical Data Sheet

**STRUKSILON E 376**

Release agent and demoulding aid for flexible foam parts with nurturing and surface improving properties

**Combination**

Aqueous emulsion of a reactive, special modified silicone prepolymer

**Properties**

Appearance		low viscosity, white, slightly bleuish gleaming liquid
Density	[kg/m <sup>3</sup> ]	1000
pH value		5
Physiological behaviour		refer to safety data sheet (no hazardous good)
Storage stability		at least 12 months at temperatures between 5° an 35 °C
Packaging		25 kg cans 200 kg drums 1000 kg containers

The data given are typical values which are not intended for use in preparing specifications. For test methods refer to the corresponding supplement.



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## **Recommendations for Application**

STRUKSILON E 376 was especially designed as additive for demoulding of PU foam moulded articles. It can be applied pure, diluted and in combination with other for instance waxy, aqueous release agents.

STRUKSILON E 376 is dilutable with water at any ratio. As the emulsion is very fine dispersed the active substance can be evenly distributed on the treated mould surface and is also effective at a very low dosage.

STRUKSILON E 376 acts as release and demoulding aid and it also improves the surfaces of demoulded foam parts.

The composition of special ingredients in STRUKSILON E 376 allows for a positive surface condition of the PU foams regarding required smoothness and silkiness.

This gives a subjective sensation of an exclusive surface. Additionally the properties of further processing are effected considerably positive and the reject rate can be reduced.

Properly used STRUKSILON E 376 improves bonding of the surface without effecting over coating. The active ingredient of STRUKSILON E 376 does not tend to migration.

The additionally nurturing features of STRUKSILON E 376 can increase the durability of the foam parts.

## **Storage**

In case of prolonged storage, silicone emulsions can show differences in concentration due to condensation of water at the lid of the container and due to slight creaming. The emulsion should be stirred up very well before application.

The suggestions for application and usage of our products as well as possible proposed formulations are meant to advise only to the best of our knowledge. This information is without obligation and does not release customers from their own testings to ensure suitability for intended processes and use. Liability is only accepted in case of intention or gross negligence. Liability for any defects caused by minor negligence are not accepted. Each producer is responsible and liable to observe legislation and patent rights of third parties.

This new leaflet replaces all previously printed documentation.

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