

Technical Data Sheet

STRUKSILON® 72

Composition

Aqueous emulsion of a high-viscosity silicone polymer with non-ionic surfactants

Properties

Appearance		milky-white liquid
Density	[kg/m ³]	990
pH value		4.0
Active content	[%]	35
Physiological behaviour		refer to safety data sheet
Packing		25 kg can, 200 kg drum, 1000 kg IBC
Storage stability		at least 12 months in original-sealed containers at transport and storage temperatures till 30 °C Attention: Protect from frost!



Application Recommendation

STRUKSILON® 72 is a very fine polymer dispersion with an oil viscosity of approx. 500.000 cSt. The emulsion has a high stability and is insensitive against shear forces.

STRUKSILON® 72 is low viscous, can be easily dosed and gives a uniform coherent film on the surface. The product shows excellent release and slip properties.

STRUKSILON® 72 can be blended with other silicone or organic emulsions to achieve special effects. The compatibility has to be checked in any case. Due to the high viscosity of the silicone polymer STRUKSILON® 72 is often used for articles difficult to demould.

This emulsion intensifies the hydrophobic effect in polishes and achieves due to its long-chained polymers a considerably improved gloss compared to common silicone fluids.

STRUKSILON® 72 is used in foundries (Hot-Box-Procedure), for siliconization of natural latex threads, in ironing sprays and for the remoistening in offset printing. Further applications amongst others are compression moulding of rubber and plastic articles, conveyor belts for adhesive raw materials, knitwear and hoses.

STRUKSILON® 72 can be diluted at any time with deionised water. Usually the solids content is reduced by 0.5 to 5 % according to requirement. Afterwards the emulsion can be applied by spraying, dipping or brushing. Preferred is the application by spraying with a commercial atomizer with compressed air.

In case of prolonged storage silicone emulsions may show differences in concentration due to condensation of water at the top of the container and/or slightly creaming.

Attention: Stir properly before use!





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