

Technical Data Sheet

STRUKSILON® P 127

Composition

Aqueous emulsion of polydimethylsiloxane with non-ionic surfactants

Properties

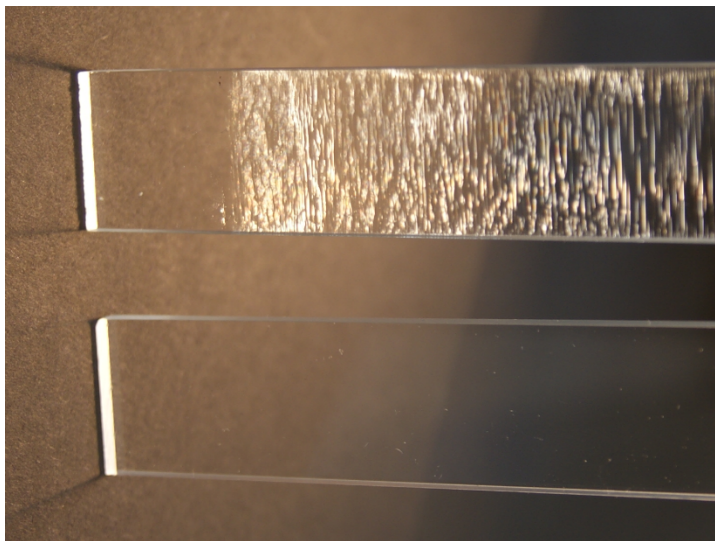
Appearance		milky-white liquid
Density	[kg/m ³]	990
pH value		6
Active content	[%]	20
Physiological behaviour		refer to safety data sheet
Packing		25 kg can, 200 kg drum, 1000 IBC
Storage stability		at least 12 months in original-sealed containers at transport and storage temperatures till 30 °C Attention: Protect from frost!



Application Recommendation

STRUKSILON® P 127 is an external lubricant, which is especially developed for rubber profiles (e.g. EPDM). This kind of coating increase the slip significantly and ease the application of profiles.

The selected emulsifiers ensure the compatibility with polymethyl methacrylat (e.g. Plexiglas®) and polycarbonate (e.g. Makrolon®). It doesn't cause any stress corrosion. This is certified by the requirements of the "Röhmtest".



Upper bar

Significant stress corrosion by use of classical slip additives.

Lower bar

No stress corrosion by use of STRUKSILON® P 127.

STRUKSILON® P 127 can be applied by dipping or spraying. After drying a homogeneous sliding film is built on the profile surface. This ease the manual and automatically assembly of the treated profiles.

Contacts to manufacturers of appropriate spray and coating techniques can be provide.

Gloss is increased; additionally the film protect the profiles against aging caused by UV radiation and ozone. STRUKSILON® P 127 is not only an assembly aid; it extends the lifetime of profiles.

STRUKSILON® P 127 is ready for use. If necessary, the emulsion can be diluted with demineralized water and it has to be stirred proper to be homogenous. The exact dosage depends on the chemical and physical structure of the rubber profiles and has to be proofed in upfront. The harmlessness against Plexiglas® and Makrolon® as well as the stability of the dilution has to be proofed routinely.

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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