



## KETTLITZ-Antitack NP-97/TY-40

- technical leaflet -

Antitack NP-97/TY-40 is a highly concentrated dispersion of zinc stearates. By means of new technologies and high quality raw materials the zinc stearate content could be increased to more than 40 %.

Antitack NP-97/TY-40 mainly is used in the rubber industry to prevent surface sticking of uncured rubber compounds. It is especially suited for the treatment of rubber sheets and strips, granules, calendered sheets, extruded profiles and molding blanks.

For many years zinc stearate dispersions made by Kettlitz-Chemie have been approved. Also Antitack NP-97/TY-40 has no negative influence on the curing properties. During vulcanization, above approx. 120 °C, the zinc stearate particles melt and penetrate into the rubber compound. This avoids the rubber being burnt onto forms, molds and vulcanizate surfaces; welding and bonding with other material is possible without any problems.

By using a very fine grained zinc stearate, optimizing the sedimentation and foaming behavior, this antitack agent is recommended for application in dipping and spraying equipment.

Antitack NP-97/TY-40 can easily be diluted, even in cold water.

*The concentrate should be stirred before use (this will result in lower viscosity and therefore easier handling/homogeneity). Stirring has to be repeated every time before use, because viscosity will increase again during storage (thixotropic effects).*

For first trials a dilution ratio of 1 : 20 should be selected.

### Properties

Chemical Characteristics	fine zinc stearate evenly dispersed in water and emulsifier
Appearance	white liquid of medium viscosity
Density at 20 °C	approx. 1.04 (mathematically)
pH-value at 20 °C (dilution ratio 1 + 10)	8.0 ± 0.5
Dry Matter (0.5 g/15 min./109 °C) (%)	43.0 ± 2.5
Physiol. Behavior	see safety data sheet
Storage Stability	2 years at room temperature in originally sealed drums
Packing	plastic drums containing 100 kg net