



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 anti-tack agent is recommended for application in dipping and spraying equipment.

Antitack NP-97/TY-40 can easily be diluted, even in cold water. 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 paste of medium viscosity |
| Density at 20 °C | approx. 1.04 (mathematically) |
| pH-value at 20 °C (dilution ratio 1 : 10) | 7.5 ± 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 |

Please visit our website, www.kettlitz.com, for full product list catalogue, or contact our exclusive agency in Iran: Iran Industrial Rubber co.

Tel: +98 21 2267 0733
+98 21 2267 0832
Fax: +98 21 2220 9247