



# KETTLITZ-Antitack BTO-15

## - Technical leaflet -

Antitack BTO-15 is an antitack agent which was developed step by step based on many years of experience in the rubber industry. It meets all the requirements of the modern rubber industry and is especially designed for the use in batch-off machines fitted with spraying or dipping systems. Antitack BTO-15 is very clean to handle and enables the users to keep production and equipment clean without any compromise on function and efficiency.

Modern detergents in combination with water-soluble polymers are responsible for the strong wetting abilities of Antitack BTO-15. The antitack agent is even suitable for compounds with a high content of plasticizers and guarantees an excellent separation of rubber batches, strips or granules. After application and evaporation of the water a very thin transparent polymer film will stay on the surface of the rubber batches, strips or granules. Up to a certain elongation, the polymer film will be flexible to ensure good separation of the rubber compounds after a long storage time or especially for rubber compounds with cold flow. Additionally Antitack BTO-15 contains a small quantity of pyrogenic silica to decrease the slipperiness of the antitack film.

Antitack BTO-15 is very economical to use. At rubber companies producing technical rubber parts by using all kinds of polymers and rubber compounds with different hardness, a dilution ratio of 1:20 (5 %) has been tested successfully, however, it is recommended to control the concentration of the antitack bath continuously. The minimum dilution rate should be 1:15. If the dosage of the antitack agent is higher than 1:15 the water-soluble polymers might create a thick layer on the batches, reversing the release effect and causing stickiness.

Due to the conductivity of the Antitack BTO-15 concentrate, the dilution ratio can be controlled by a conductivity meter. For further information please contact us.

Besides anti-rust and anti-foam agents, Antitack BTO-15 contains detergents which are 100 % biologically degradable within 14 days, according to the OECD 302 B guidelines.

### Properties

Chemical Characteristics	solved polymers with nonionic surface active agents
Appearance	opaque, viscous liquid
Density at 20 °C	approx. 1.05 (mathematically)
pH-value at 20 °C (dilution ratio 1 + 10)	7 ± 1
Dry Matter (0.5 g/15 min./109 °C)	(%) 23.5 ± 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

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