



KETTLITZ-Activin

- Technical leaflet -

Activin is an activator for white fillers and primary accelerators for NR and synthetic rubber compounds. It is especially useful for reducing the danger of scorch at lower temperature areas. It is particularly recommended for NR compounds to obtain excellent results such as high modulus, tensile strength and hardness. In combination with silanes the use of Activin will result in better physical properties.

In comparison to the well known Aktiol, Activin is more effective in NR compounds. It is also recommended to replace liquid activators like diglycols or triethanolamine. Activin is a white fine powder and promotes easy and exact handling and measuring.

Activin is non-staining and can be used in colored or transparent rubber compounds. In order to get best results, Activin should be added together with the filler during the mixing process. The fine powder provides fast incorporation and a very good dispersion in internal mixers and even on open mills.

Due to our experience we recommend a dosage of 5 % Activin calculated on the amount of silica.

Properties

Chemical Characteristics		combination of high boiling alcohols and amines
Appearance		white fine powder
Density at 20 °C	(g/cm ³)	approx. 1.33 (mathematically) Ash
Content	(%)	26 ± 3
Bulk Density	(g/ml)	approx. 0.5
Physiol. Behavior		see safety data sheet
Storage Stability		2 years under suitable storage conditions
Packing		paper bags containing 25 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.

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