



## KETTTLITZ-Mediaplast 50

- technical leaflet -

Kettlitz-Mediaplast 50 is an additive especially developed for rubber compounds based on natural rubber or containing natural rubber as component. The product was created in co-operation with our customers considering the technologies of the homogenizing agent Kettlitz-Mediaplast 40.

Kettlitz-Mediaplast 50 is the combination of a homogenizing agent and a physical peptizing agent. Polymer blends can be produced much faster and therefore with a higher efficiency, when using Mediaplast 50.

In addition to that Kettlitz-Mediaplast 50 shows, just like Kettlitz-Mediaplast 40, excellent results regarding filler dispersion. However, compared to Mediaplast 40, Kettlitz-Mediaplast 50 contains active substances which improve the mastication effect on natural rubber considerably, which consequently leads to shorter mixing times.

Kettlitz-Mediaplast 50 decreases the Mooney viscosity and therefore improves the processing and consequently also the extrudability of rubber compounds as well as the mixing in and distribution of fillers.

At the average dosage, the effect of Kettlitz-Mediaplast 50 on the physical properties of the rubber compound can be disregarded.

Recommended dosage: 2–5 phr

### Properties

Chemical Characteristics	mixture of synthetic resins and resin-plasticizers on carrier
Appearance	brownish granules
Density at 20 °C (g/cm <sup>3</sup> )	approx. 1.10 (mathematically)
Ash Content (%)	23.5 ± 2.0
Physiol. Behavior	see safety data sheet
Storage Stability	3 years under suitable storage conditions
Packing	paper bags containing 25 kg net