



## Zincolet – 33



## Technical Data Sheet

### Processing Additives

**Composition** : Mixture of high-molecular, natural fatty acid esters and fatty acid soaps, bound to chemically inert fillers.

**Specification** : Color : Creamish  
Appearance : Flakes  
Dropping Point :  $90 \pm 5^{\circ}\text{C}$   
Ash Content :  $20 \pm 2 \%$

**Dosage** :  
• 2- 5 phr  
• In compounds with high filler content up to 7 phr

**Uses and Benefits** :

- Zincolet - 33 can be used as dispersing and processing additive in nearly all rubber polymers.
- For the production of compounds on open mills or in internal mixers the addition of Zincolet - 33 causes a better plasticity of elastomers which leads to a rapid incorporation of the fillers and other powdery ingredients.
- In highly filled compounds Zincolet - 33 counteracts the formation of filler agglomerates. The dispersing effect supports the fine dispersion of all mixing ingredients so that lots with uniform properties will result.
- Compounds containing Zincolet - 33 tend to stick less to processing equipment. Furthermore, reduced bagging on the open mill is given when using Zincolet - 33. Calendering is positively influenced by Zincolet - 33; an increased output as well as improved surfaces and edges can be obtained in extrusion compounds. A clear reduction of energy consumption is achieved with Zincolet - 33 at all processing stages.
- Vulcanizates resulting from compounds with Zincolet - 33 have better release properties and also show a better finish.

**Packing** : 25kg Polylinedpolywoven bag / Polylined paper bag.

**Storage stability** : Upto 2 years in normal storage conditions.

**Handling** : Consult material safety data sheet (MSDS) for additional handling information for Zincolet– 33.

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