

## **Aktiplast® MS**

## Processing Promoters

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### **Function**

Multifunctional processing promoter for diene rubber, mainly based on NR and IR and blends of NR/IR

### **Product description**

Composition:	Combination of zinc salts of selected, high-molecular-weight fatty acids with special activators and promoters
Appearance:	dark brown pastilles
Density:	approx. 1.10 g/cm <sup>3</sup>
Melting range:	95-110 °C
Ash:	15-18 %
Physiological properties:	see material safety data sheet

### **Use**

Mode of action:	Aktiplast MS decreases the batch viscosity of natural rubber, isoprene rubber, and their blends. This is due to the activating effect of the filler substance in Aktiplast MS. Higher molecular weight zinc soaps allow faster incorporation of fillers. Therefore, Aktiplast MS is making a reduced mixing cycle time possible. The rheological features of NR, IR, and NR as well as synthetic rubber blends, will be improved when Aktiplast MS is applied. Handling of batches with high filler content is improved, related processing problems with a higher filler content will be reduced.
Processing:	Aktiplast MS can be applied in the internal mixer together with the polymer at the beginning of the mixing cycle. In addition, Aktiplast MS can also be applied on the mill.
Dosage:	In NR, IR and blends: 1-3 phr
Application:	Multi-functional processing promoter for diene rubber, primarily for compounds based on NR and IR blends

### **Packing**

20 kg paper bags on 1000 kg skids

## Storage stability

In original, closed containers under cool and dry conditions 730 days from date of production

## Handling

For additional handling information on Aktiplast MS please consult current safety data sheet.

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Our technical advice - whether verbal, in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of the products are beyond our control and, therefore, entirely your own responsibility. Should, in spite of this, liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.

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