

## Aktioplast® T

## Processing Promoters

<b>Function</b>	Peptizer for natural and isoprene rubber as well as for their blends with other synthetic rubbers; processing promoter for synthetic rubber; activator with delayed action.	
<b>Product description</b>	Composition:	blend of zinc salts of higher molecular, mostly unsaturated fatty acids
	Appearance:	brown pellets
	Density, 20 °C:	approx. 1,05 g/cm <sup>3</sup>
	Ash content:	12 - 14%
	Melting range:	75 - 85°C
	Solubility:	insoluble in water partially soluble in benzine and xylol
	Discolouration of vulcanizates:	none
	Physiological properties:	see safety data sheet
<b>Use</b>		
Mode of action:	Aktiplast T is effective in natural and isoprene rubber at a mill temperature as low as 60 °C. Being rubber soluble, a homogeneous breakdown is achieved without the risk of blooming. Aktiplast T prolongs the scorch time and serves as a dispersing agent for all fillers. Due to its zinc content it activates the vulcanization. An addition of stearic acid is not necessary and a reduction in zinc oxide is possible. Aktiplast T shortens the mixing time and improves the flow characteristics of the uncured compound. Aktiplast T has no adverse effect on rubber-to-metal bonding. Aktiplast T improves the storage stability, which is of particular advantage in direct vulcanization.	
Processing:	Aktiplast T, when used as a peptizer, should be added at the beginning of the mixing cycle. As activator or processing promoter Aktiplast T should be incorporated together with the fillers.	
Dosage:	in NR: 1 - 3 phr in SBR: 1 - 3 phr in EPDM: 2 - 3 phr in NBR: 1 - 3 phr	in IR: 1 - 3 phr in EPM: 2 - 3 phr in HNBR: 2 - 3 phr
Application:	Molded and extruded goods of all types, expanded rubber articles, hard rubber. Peptising effect in NR and IR above 60°C. Retards scorch and accelerates vulcanisation.	

<b>Packing</b>	Paper bag, 20 kg
<b>Storage stability</b>	in original closed containers under cool and dry conditions max. 3 years.
<b>Handling</b>	Consult material safety data sheet (MSDS) for additional handling information on Aktiplast T.

® = registered trade mark

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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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