

## Aktioplast® ST

## Processing Promoters

### Function

Dispersant and lubricant for highly filled synthetic diene rubber compounds; particularly suitable for compounds containing high-activity silica

### Product description

Composition:	Blend of hydrocarbons, zinc soaps and fillers
Appearance:	light-brown pastilles
Density, 20 °C:	1.10 g/cm <sup>3</sup>
Ash:	15.5-18.5 %
Melting range:	85-100 °C
Discoloration of vulcanizates:	none
Physiological properties:	see safety data sheet

### Use

Mode of action:	Aktioplast ST is a processing promoter especially designed for silica compounds. It also shows excellent behavior in carbon black compounds. Aktioplast ST improves filler dispersion and reduces mixing and processing viscosities. Aktioplast ST improves scorch safety and reduces energy consumption during extrusion. Aktioplast ST improves wet grip properties (tan-d at 0 °C).
Processing:	Aktioplast ST is incorporated with the fillers. Silanization processes are not affected by Aktioplast ST.
Dosage:	3-5 phr
Application:	Dispersant and lubricant for highly filled synthetic diene rubber compounds; particularly suitable for compounds containing high-activity silica, e.g. tire treads, technical molded articles.

### Packing

20 kg paper bags

## Storage stability

Under cool and dry conditions in original sealed containers 1095 days from date of production

## Handling

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

---

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.

---



**LANXESS Deutschland GmbH**  
**Business Unit Rhein Chemie**  
Kennedyplatz 1  
D-50569 Cologne, Germany  
<http://rch.lanxess.com>