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/cm³
Ash: 15.5-18.5 %
Melting range: 85-100 °C
Discoloration of vulcanizates: none
Physiological properties: see safety data sheet

Use
Mode of action: Aktiplast ST is a processing promoter especially designed for silica compounds. It also shows excellent behavior in carbon black compounds. Aktiplast ST improves filler dispersion and reduces mixing and processing viscosities. Aktiplast ST improves scorch safety and reduces energy consumption during extrusion. Aktiplast ST improves wet grip properties (tan-d at 0 °C).

Processing: Aktiplast ST is incorporated with the fillers. Silanization processes are not affected by Aktiplast 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.

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