Type
Processing promoter especially suited for silica compounds based on SSBR, BR, NR and combinations thereof

Product description

Composition: blend of surface active substances with fatty acids
Appearance: white pastilles
Melting Point: 57-63 °C
Density: approx. 1.0 g/cm³
Solubility: slightly soluble in water
Discoloration of vulcanizates: none
Physiological properties: see safety data sheet

Use

Mode of action: Aflux 37 enhances the processing of silica-based rubber compounds by improving silica dispersion and decreasing compound viscosity. By application of Aflux 37 higher extrusion rates are obtained. Owing to its selected polarity Aflux 37 acts as a surface active substance for white fillers. The properties of the resulting vulcanizates, such as hardness and modulus, are not affected. The silanization reaction is also not influenced. Therefore, Aflux 37 can be used in combination with any silane.

Processing: Aflux 37 should be added together with the fillers in the first mixing step in an internal mixer.

Dosage: 2-6 phr, depending on the amount of white filler
For a rubber compound containing 80-100 phr silica 3-4 phr Aflux 37 are recommended

Application: Compounds for tires and technical rubber goods containing white polar fillers

Packaging
20 kg paper bag on 1000 kg skid
Storage stability
In original closed containers under cool and dry conditions 1095 days from date of production

Handling
For additional handling information on Aflux 37 please consult 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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