

Aflux® 37

Processing Promoters

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/cm ³
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.

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