

Aflux® 42

Processing Promoters

Function

Processing promoter for compounds based on natural and synthetic rubbers, especially, e.g. NR, SBR, NBR, CR, and EPDM

Product description

Composition:	water-free blend of fatty acids, fatty alcohols, and fatty acid esters
Appearance:	white, beige to yellow, brown pastilles
Density, 20 °C:	approx. 0,90 g/cm ³
Melting point	90 - 100 °C
Discoloration of vulcanizates:	none
Physiological properties:	see safety data sheet

Use

Mode of action:	Aflux 42 acts as an excellent dispersing agent for fillers and rubber chemicals. It increases the plasticity of uncured compounds and improves the flow properties. The output and the rate of extrusion of profiles are increased. Aflux 42 imparts smooth surfaces to extrudates and calendered foils. The vulcanizate properties are practically not affected by Aflux 42.
Processing:	Aflux 42 can be incorporated both in the internal mixer or on the mill. It is recommended to add Aflux 42 together with the fillers.
Dosage:	2-5 phr, in NBR 2-4 phr
Application:	For technical molded and injected articles of all types, footwear. For continuous vulcanization processes (LCM, UHF) and injection molding.

Packaging

20 kg paper bag on 1000 kg skid. Storage temperature should not exceed 27 °C since Aflux 42 tends to stick at higher ambient temperatures.

Storage stability

In original closed containers under cool and dry conditions 1095 days from date of production

Handling

For additional handling information on Aflux 42 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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