

Aflux® 42 M

Processing Promoters

Function

Dispersing agent and lubricant for compounds based on all synthetic rubbers, particularly SBR, NBR, CR and EPDM.

Product description

Composition:	anhydrous mixture of fatty alcohols and fatty acid esters with selected molecular weight distribution
Appearance:	light-brown to brown pellets
Density, 20 °C:	approx. 900 kg/m ³
Solidification point:	85 ±5 °C
Discolouration of vulcanizates:	none
Physiological properties:	see material safety data sheet

Use

Mode of action:	Aflux 42 M is an excellent dispersant of fillers and chemicals. It increases the plasticity of the green compound and improves flow properties. Aflux 42 M increases injection capacity and injection speed in the manufacture of profiles and gives a smooth surface finish to injection moldings and calendered sheets. Aflux 42 M has almost no effect on vulcanization characteristics.
Processing:	Aflux 42 M can be incorporated both on the open mill and in the internal mixer. It is recommended to add it together with the fillers.
Dosage:	in general: 2-5 phr, in NBR: 2-4 phr
Application:	For all rubbers including EPDM and CR. For technical molded and injected articles of all types, footwear. For continuous vulcanisation processes (LCM, UHF) and injection molding.

Packaging

20 kg paper bag on 600 kg skid

Storage stability

In original closed containers under cool and dry conditions three years

Handling

For additional handling information on Aflux 42 M please consult safety data sheet.

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