

Aflux® 25

Processing Promoters

Function

Processing promoter for compounds based on synthetic rubber, especially NBR, BIIR/CIIR

Product description

Composition:	Combination of parafine and fatty acids
Appearance:	off-white pastilles
Specific Gravity:	0.93
Melting range:	approx. 70' C
Solubility:	insoluble in water
Physiological properties:	Aflux 25 has been approved by the German Health Board (BfR) for rubber articles in contact with foodstuffs. For further information see safety data sheet

Use

Mode of action:	Aflux 25 decreases the viscosity of rubber compounds, resulting in an easier processing and a faster compounding. Aflux 25 noticeably reduces the sticking of the compounds to the mixing units. It improves the absorption of all kinds of fillers and the extrusion properties of the compounds. The vulcanizate properties are not impaired by Aflux 25. Aflux 25 promotes the demoulding of press-cured articles and reduces mould fouling.		
Processing:	Aflux 25 should be added together with the fillers at the beginning of the mixing cycle.		
Dosage:	in IR: 1 - 2 phr in EVA/EAM: 2 - 4 phr in NR: 1 - 2 phr in ACM: 2 - 4 phr in SBR: 1 - 2 phr in AU: 2 - 4 phr	in EPDM: 2 - 5 phr in BR: 2 - 4 phr in NBR: 1 - 2 phr in CM: 2 - 4 phr in IIR: 1 - 3 phr	in CO/ECO: 2 - 4 phr in BIIR/CIIR: 1 - 3 phr in CR: 2 - 4 phr in CSM: 2 - 4 phr in HNBR: 2 - 4 phr
Application:	Particularly suitable for ACM, CR, NBR, HNBR, and FKM, technical molded and extruded articles. Reduces the viscosity of rubber mixes. Reduces sticking to mixer units, aids removal of vulcanizates from the mold.		

Packing

20 kg box

Storage stability

in original closed containers under cool and dry conditions max. 3 years.

Handling

Consult material safety data sheet (MSDS) for additional handling information on Aflux 25.

® = registered trade mark

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Rhein Chemie Corporation
145 Parker Court
Chardon, OH 44024
Phone: 440-285-3547
Fax: 440-285-2464
USA