Aflux®
54

Function
Processing promoter for compounds based on synthetic rubber, especially CO, ECO, and FPM

Product description
Composition: mixture of pentaerythrityltri- and tetraestearate
Appearance: whitish micro pearls
Density, 20 °C: 1.00 g/cm³
Melting range: 58-65 °C
Solubility: insoluble in water
Physiological properties: see safety data sheet

Use
Mode of action: Aflux 54 decreases the viscosity of rubber compounds, resulting in easier processing and faster compounding. Aflux 54 noticeably reduces sticking of compounds to mixing units, supports removal of vulcanizates from the mold. It improves absorption of all kinds of fillers and extrusion properties of compounds. Aflux 54 is not affecting properties of the vulcanizates. Aflux 54 promotes the demolding of press-cured articles and reduces mold fouling.

Processing: Aflux 54 should be added together with the fillers at the beginning of the mixing cycle.

Dosage:
Guidelines (in phr)
in FPM (IM): 1-2
in ECO: 2-4
in CO: 2-4
in IIR: 2-4
in FPM (extrusion, calander): 2-3
in EPDM: 2-4
in CSM: 2-4

Application: Particularly suitable for AU, CO, ECO, and FPM, technical molded and extruded articles, also for food contact applications (compliance with several BfR and FDA recommendations).

Packaging
25 kg plastic bag on 500 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 54 please consult current safety data sheet.

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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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