

Aflux® 54

Processing Promoters

Function

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

Product description

Composition:	mixture of pentaerythrityltri- and tetrastearate
Appearance:	whitish micro pearls
Density, 20 °C:	1.00 g/cm ³
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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