

Aflux® 25

Processing Promoters

Function

Processing promoter for compounds based on synthetic rubber, e.g. for specialty rubbers such as NBR, BIIR, CIIR

Product description

Composition:	combination of paraffine and fatty acids
Appearance:	whitish pastilles
Density, 20 °C:	approx. 0.93 g/cm ³
Solidification point: (DSC)	64-76 °C
Discolouration of vulcanizates:	none
Physiological properties:	see safety data sheet

Use

Mode of action: Aflux 25 decreases the viscosity of rubber compounds resulting in an easier processing and faster compounding. The sticking to the mixing units is clearly reduced. Especially with the injection molding process (IM) the improved flow characteristics provide higher IM speeds and volumes. Furthermore, it improves the extrudability of compounds. Aflux 25 facilitates the demolding of rubber vulcanizates and reduces mold fouling. The vulcanizate properties are practically not affected by Aflux 25. Aflux 25 is in chemical compliance with 21 CFR FDA §177.2600 (Rubber articles intended for repeated use) subject to the limitations of these regulations and any other applicable regulations.

Dosage:	in IR: 1-2 phr	in EPDM: 2-5 phr	in CO/ECO: 2-4 phr
	in EVA/EAM: 2-4 phr	in BR: 2-4 phr	in BIIR/CIIR: 1-3 phr
	in NR: 1-2 phr	in NBR: 1-2 phr	in CR: 2-4 phr
	in ACM: 2-4 phr	in CM: 2-4 phr	in CSM: 2-4 phr
	in SBR: 1-2 phr	in IIR: 1-3 phr	in HNBR: 2-4 phr
	in AU: 2-4 phr		

Application: Lubricant for NR and speciality rubbers such as ACM, CR, FPM, HNBR, NBR, etc. For molded and extruded goods of all types, articles for food contact applications (compliance with 21 CFR FDA §177.2600). Suitable for extrusion and injection molding.

Packaging

20 kg carton on 480 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 25 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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