Aflux®
25

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/cm³
Solidification point: approx. 70 °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 has been approved by the German authority for risk assessment (BfR) for rubber articles which come in contact with foodstuffs.

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 IIIR: 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: 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 BfR recommendations). 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 730 days from date of production

Handling
For additional handling information on Aflux 25 please consult safety data sheet

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