

Rhenogran® NAST-50/ACM

Predispersed rubber chemicals and additives

Function

Cross-linking activator for acrylate rubber (ACM)

Product description

Composition:	50 % sodium stearate 50 % elastomer binder (ACM) and dispersing agents
Appearance:	white granules
Density, 20°C:	approx. 1.09 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action:	Rhenogran NAST-50/ACM is used together with Rhenogran Diuron-80 and quaternary ammonium salts as crosslinking systems for modern polyacrylate types of rubber. Such types are particularly vigorous in crosslinking and, in principle, the Diuron system is requiring no post-curing. The Diuron/alkali soap system produces cured materials with good mechanical-physical properties and permanent compression sets. However, Rhenogran NAST-50/ACM can also be used in combination with sulfur or sulfur donors, for curing vinyl chloro acetate type of acrylate rubber.
Processing:	The special form in which it is supplied minimizes moisture absorption and lumping of sodium stearate. Rhenogran NAST-50/ACM is therefore easy and homogeneously to disperse in the mix. Rhenogran NAST-50/ACM can either be added into the internal mixer or on the open mill.
Dosage:	3-4 phr, sulfur cure 3-8 phr
Application:	Oil, gasoil and heat resistant seals, hoses, molded parts based on ACM for use in vehicles and engineering.

Packaging

25 kg cartons with PE bag inside on 1000 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 Rhenogran NAST-50/ACM please consult material safety data sheet.

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