Technical Data Sheet

Rhenogran® NAST-50/ACM

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/cm3
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 chloroacetate 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.
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.

LANXESS Deutschland GmbH
Business Unit Rhein Chemie
Kennedyplatz 1
D-50569 Cologne, Germany
http://rch.lanxess.com