

## Rhenofit® NC

Specialty and standard chemicals

---

### Function

Accelerator activator for the crosslinking of chlorinated (CM) by the thiadiazole derivative Rhenogran TDD-70

### Product description

Composition:	fatty acid amide with amino groups
Appearance:	yellowish pellets
Density, 20 °C:	approx. 0.95 g/cm <sup>3</sup>
Discoloration of vulcanizates:	none
Physiological properties:	see safety data sheet

### Use

Mode of action:	Rhenofit NC activates the peroxide-free vulcanization of CM by means of Rhenogran TDD-70. Unlike other, mostly liquid, amine accelerators, Rhenofit NC is easy to handle and gives considerably higher rates of crosslinking. Rhenofit NC provides good physical properties and problem-free complete demolding of vulcanizates.
Processing:	Rhenofit NC should be added at the end of the first mixing stage, in compounds tending to scorch in the second mixing stage together with other additives.
Dosage:	According to the processing safety desired, dosages of 2.5 to 4.5 phr together with 2.5 phr Rhenogran TDD-70 are used. Normally, the optimum dosage is 3.75 phr resulting in a fast vulcanization, good vulcanizate properties and best processability of the compounds.
Application:	Technical articles made of CM, e.g. hoses

### Packaging

20 kg carton with bag inside on 640 kg skid

### Storage stability

In closed original containers under cool and dry conditions 730 days from date of production

## Handling

For additional handling information on Rhenofit NC please consult current 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>