

Rhenogran® TDD-70/CM

Predispersed rubber chemicals and additives

Function

Cross-linking agent for the peroxide-free vulcanization of CM and other saturated halogen-containing elastomers

Product description

Composition:	70 % thiadiazole derivative (TDD), 30 % elastomer binder (CM) and dispersing agents
Appearance:	light grey to yellowish granules
Density, 20 °C:	approx. 1.42 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action:	Rhenogran TDD-70/CM is crosslinking saturated halogen-containing elastomers, particularly chlorinated polyethylene (CM), without peroxides. The product needs to be activated by alkaline materials, e.g. with Rhenofit NC. CM compounds crosslinked with Rhenogran TDD-70/CM show a fast curing speed and good physical properties of the vulcanizates, particularly with respect to tear resistance and elongation at break values. Discoloration of vulcanizates is usually not observed.
Processing:	The thermoplastic, fully compatible elastomer binder in combination with special dispersing agents, allowing quick absorption and excellent dispersion in the rubber mix. In this way, optimal activity of the effective substance is assured.
Dosage:	Usually 2.5 phr Rhenogran TDD-70/CM, activated with 3.75 phr Rhenofit NC
Applications:	Technical rubber goods made of saturated halogen-containing elastomers, particularly chlorinated polyethylene (CM).

Packaging

25 kg paper bag on 500 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 TDD-70/CM 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>