Technical Data Sheet

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/cm³
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.
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