

## Rhenogran® MTT-80

Predispersed rubber chemicals and additives

### Function

Vulcanization accelerator for chloroprene rubber

### Product description

Composition:	80 % 3-methyl-thiazolidine-thione-2 20 % elastomer binder and dispersing agents
Appearance:	grey-beige granules
Density, 20 °C:	approx. 1.25 g/cm <sup>3</sup>
Physiological properties:	see safety data sheet

### Use

Mode of action:	Rhenogran MTT-80 together with Rhenogran ZnO-80, Rhenogran HPCA-50 and eventually Rhenogran MgO-75 results in a swift, high crosslinking rate during the vulcanization of CR. The scorch time of the compound with Rhenogran MTT-80 will, naturally, be influenced by the specific filler being used. The scorching can be retarded by increasing the dosage of MgO or by addition of bases. It is possible to activate the reaction of Rhenogran MTT-80 with thiurams or dithiocarbamates. The vulcanizates show good moduli, aging-resistance and advantageous compression set values.
Processing:	Due to its delivery form as a elastomer bound granules, Rhenogran MTT-80 is quickly and easily dispersed in the mixture. As it has a powerful accelerating effect, it is incorporated at the end of the mixing processes, along with the zinc oxide. Since MTT as a raw material is supplied as flakes, crystallites may occur occasionally. Therefore, mixing temperature and time have to be adjusted accordingly.
Dosage:	0.4-1.5 phr Rhenogran MTT-80 2.0 - 4.0 phr Rhenogran HPCA-50, 2.0 - 5.0 phr Rhenogran ZnO-80 (and Rhenogran MgO-75)
Application:	Technical molded and extruded goods, profiles, hoses, seals, mills (rollers), cable sheathing, conveyor-belts based on CR.

### Packaging

25 kg paper bags 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 MTT-80 please consult current safety data sheet.

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