

Rhenogran® MBT-80

Predispersed rubber chemicals and additives

Function

Accelerator for the vulcanization of natural and synthetic rubbers

Product description

Composition:	80 % mercaptobenzothiazole 20 % elastomer binder and dispersing agents
Appearance:	light brown granules (variations in color intensity due to raw materials)
Density, 20 °C:	approx. 1.33 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action:	Rhenogran MBT-80 is a multi-purpose accelerator with a long plateau effect. It provides vulcanizates with good physical properties. In sulphur-free compounds Rhenogran MBT-80 acts as an anti-scorch agent, in CR compounds as a retarder. Rhenogran MBT-80 is activated by basic accelerators such as aldehyde-amine and guanidine etc., and by thiram and dithiocarbamates.
Processing:	The thermoplastic, fully compatible elastomer binder which is combined with special dispersing agents allows quick absorption and excellent dispersion in the rubber. In this way, optimal activity of the effective substance is assured.
Dosage:	In NR and SBR: - primary: 1-2 phr with 2-3 phr sulfur - secondary: 0.5-1 phr with 0.2-0.3 phr Rhenogran TMTD-80 and 1.5 phr sulfur - without sulfur: 0.5 phr with 3-4 phr Rhenogran TMTD-80 In IIR: 0.5-1 phr with 0.5-1.5 phr Rhenogran TMTD-80 and 1-2 phr sulfur
Application:	Technical rubber articles of all kinds, e.g. treads, carcasses, air hoses, conveyor belts, driving belts, hoses, cable insulations

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 MBT-80 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>