

Rhenogran® F-80

Predispersed rubber chemicals and additives

Function

Accelerator combination for compounds based on NR, IR, SBR and NBR

Product description

Composition:	80 % combination of dibenzothiazylsulfide with basic accelerators 20 % elastomer binder
Appearance:	white to yellow or beige granules
Density, 20 °C:	approx. 1.3 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action:	Rhenogran F-80 is a combination of a mercapto accelerator with basic accelerators. It gives shorter scorch and vulcanization times and higher modulus values than dibenzothiazylsulfide alone. To a certain extent, the cure characteristics of compounds containing Rhenogran F-80 can be modified by varying the addition of stearic acid.
Processing:	Rhenogran F-80 is usually added during the second mixing step. The thermoplastic, good compatible polymer binder which is combined with special dispersing agents allows quick absorption and excellent dispersion in the rubber compound. In this way, optimal activity of this combination of accelerators is assured.
Dosage:	1-2 phr
Application:	Complicated shaped moldings

Packaging

25 kg paper bag on 500 kg skid

Storage stability

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

Handling

For additional handling information on Rhenogran F-80 please refer to 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>