

Rhenogran® IS 90-65

Pre-dispersed rubber chemicals and additives

Function

Vulcanizing agent for natural and synthetic rubber compounds

Product description

Composition:	65 % total sulfur (min. 58.5 % insoluble sulfur), 35 % elastomer binder and dispersing agents
Appearance:	yellow granules
Density, 20 °C	approx. 1.4 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action:	Rhenogran IS 90-65 contains min. 58.5 % by weight of a modified polymeric sulfur, which is insoluble in carbon disulfide and other solvents. Rhenogran IS 90-65 is a vulcanizing agent for all natural and synthetic rubber compounds in which sulfur bloom or infiltration of neighbouring compound layers should be avoided. The use of insoluble sulfur Rhenogran IS 90-65 is therefore to be recommended for all applications that require laying-up, welding, or where good ply adhesion is essential.
Processing:	The thermoplastic, fully compatible elastomer binder in combination 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:	1-6 phr In order to avoid the insoluble sulfur converting into soluble sulfur Rhenogran IS 90-65 should only be added towards the end of the mixing process.
Application:	Any kind of tires, conveyor belts, retreading material, assembled hoses, etc.

Packaging

25 kg carton with PE bag inside on 600 kg skid

Storage stability

In original closed containers under cool and dry conditions 730 days from date of production. At storage, contact with destabilizing substances should be avoided.

Handling

For additional handling information on Rhenogran IS 90-65 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>