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/cm3
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.
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