

## Rhenogran® S-80

Pre-dispersed rubber chemicals and additives

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### Function

Curing agent for all natural and synthetic rubbers

### Product description

Composition:	80 % sulfur, 20 % elastomer binder and dispersing agents
Appearance:	yellow granules
Density, 20 °C:	approx. 1.64 g/cm <sup>3</sup>
Physiological properties:	see safety data sheet

### Use

Mode of action:	Rhenogran S-80 is a curing agent for all natural and synthetic rubbers, requiring a quick incorporation in the mix and an excellent dispersion of the sulfur. Due to the homogeneous dispersion in the rubber the occurrence of localized overcured zones is avoided. This is ensuring an improved resistance against aging and dynamic fatigue. The good dispersion of sulfur is of particular advantage in soft compounds, where a complete distribution of the sulfur is often difficult to achieve.
Processing:	The thermoplastic, fully compatible elastomer binder in combination with special dispersing agents, allowing quick absorption and excellent dispersion in the rubber mix. In this way, optimal activity of the effective substance is assured.
Dosage:	The dosage is the same as with non-elastomer-bound sulfur. A higher dosage according to the sulfur content is, due to the better dispersion, usually not necessary.
Application:	Soft compounds: bright-colored compounds that have to be free of sulfur stains, rubber articles which have to withstand dynamic stress

### Packing

25 kg paper bags on 1000 kg skid

### Storage stability

In original closed containers under cool and dry conditions 2 years

### Handling

For additional handling information on Rhenogran S-80 please consult material safety data sheet (MSDS)

® = registered trade mark

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