

## Rhenogran® CUT-50

Predispersed rubber chemicals and additives

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### Function

Special accelerator for the vulcanization of EPDM and other diene rubbers

### Product description

Composition:	50 % copper dithiophosphate 50 % polymer binder and fillers
Appearance:	dark green granules
Density, 20 °C:	approx. 1.3 g/cm <sup>3</sup>
Physiological properties:	see safety data sheet

### Use

Mode of action:	In combination with sulfur and secondary accelerators, e.g. of the thiazole and the thiuram class, Rhenogran CUT-50 provides a very rapid and scorch-safe crosslinking of EPDM. Vulcanizates with a high degree of crosslinking and aging resistance as well as a good compression set are obtained.
Processing:	The thermoplastic, fully compatible polymer 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. Due to the coarse-grain nature of the raw material crystallites may occasionally occur. Therefore, mixing temperature and time have to be adjusted accordingly.
Dosage:	0.5 - 3.0 phr. Dosages up to about 1 phr normally cause no discoloration, at higher dosages and in contact with PVC slightly brown discoloration may occur.
Application:	Molded and extruded technical articles, e.g. profiles, foils, damping elements, dock fenders

### Packaging

20 kg carton with PE bag inside on 960 kg skid

### Storage stability

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

### Handling

For additional handling information on Rhenogran CUT-50 please consult current safety data sheet

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