

## Rhenopren® HF

Factice

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### Function

Used as a processing promoter in rubber compounds based on natural and synthetic rubbers

### Product description

Grade:	brown sulfur factice
Composition:	refined rape-seed oil, cross-linked with sulfur
Appearance:	crushed brown material
Density:	approx. 1.0 g/cm <sup>3</sup>
Total sulfur:	10.5-12.5 %
Physiological properties:	see safety data sheet

### Use

Mode of action:	As a semi-solid sulfur factice, Rhenopren HF has a dispersing effect on all rubber chemicals, particularly in blends of various elastomers (e.g. NR/EPDM and SBR/ EPDM). Rhenopren HF improves the heat resistance of uncured compounds, the rate of extrusion and also improves the formation of a closed surface skin with cellular and micro cellular rubber. The German Board for Risk Assessment (BfR) has approved Rhenopren HF for rubber articles which come into contact with foodstuffs.
Processing:	Rhenopren HF is processed in the first mixing step
Dosage:	5-15 phr; for foodstuff qualities max. 20 % calculated on the finished article
Applications:	Extended polymer blends, primarily based on EPDM. For cellular and micro cellular articles, especially blown profiles (all types of elastomers). Suitable for food contact applications. Promotes the formation of a skin with sponge rubber. For food contact qualities, max. 20 % calculated on the finished article.

### Packing

25 kg paper bags on 500 kg skids

### Storage stability

in original closed containers under cool and dry conditions 1095 days from date of production

## Handling

Please consult current safety data sheet (SDS) for additional handling information on Rhenopren HF.

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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.

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