

## Rhenosin® A

Resins

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### Function

Reinforcing resin for solid rubbers

### Product description

Composition:	Phenol formaldehyde resin with hardening agent (hexamethylene tetramine)
Appearance:	white to yellow powder
Density:	1.3 g/cm <sup>3</sup>
Nitrogen content (DIN 16916-02-B1):	3.9 ± 0.3 %
Physiological properties:	see safety data sheet

### Use

Mode of action:	Rhenosin A has a reinforcing effect in NR, SBR, BR, NBR and EPDM, i.e. the deformation characteristics such as shore hardness and modulus are significantly improved. Under vulcanization conditions, the reinforcing resin reacts with the integrated hardener to form an independent interpenetrating network. Shore hardnesses of 90 and more can thus be achieved. Rhenosin A is particularly suitable for use in NBR (friction linings). Scorch time is reduced by Rhenosin A, which prolongs cure time.
Processing:	Rhenosin A should be added in the internal mixer.
Dosage:	5-25 phr
Application:	For hard and very hard technical compounds; suitable for brake linings, oil-resistant seals, heels, soling sheets, solid hose material, paper rollers.

### Packing

20 kg paper bag on 1000 kg Palette

### Storage stability

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

### Handling

For additional handling information on Rhenosin A please consult current safety data sheet.

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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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