### Rhenosin® A

#### 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/cm³
- **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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