

## Rhenofit® 3555

Specialty and standard chemicals

### Function

Vulcanization activator and promoter for reinforcing fillers

### Product description

Composition:	combination of activating substances based on amines, bound to highly reinforcing silica
Appearance:	white powder
Density, 20 °C:	approx. 1.36 g/cm <sup>3</sup>
Ash content:	38 ± 2 %
Odor:	practically none
Discoloration of vulcanizates:	none
Physiological properties:	see safety data sheet

### Use

Mode of action:	Rhenofit 3555 disperses all compounding ingredients and activates especially light-colored reinforcing fillers. The vulcanization is strongly accelerated. Rhenofit 3555 improves the physical properties of the vulcanizates (e.g. increased shore hardness of the vulcanizates). Rhenofit 3555 promotes the blowing agent in cellular, micro-cellular, and sponge rubber compounds.
Processing:	It is advisable to add Rhenofit 3555 together with the fillers.
Dosage:	as activator for reinforcing fillers: 2-6 % calculated on the filler, depending on the pH value of the filler, as vulcanization activator: 0.5-2 phr
Application:	Rhenofit 3555 is particularly suitable in all cases, where a very quick vulcanization is required, e.g. with injection molding as well as with LCM and UHF vulcanization, in fast-curing moldings, e.g. soles, sheets and floor coverings.

### Packaging

20 kg carton with PE bag inside on 480 kg skid

### Storage stability

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

## Handling

For additional handling information on Rhenofit 3555 please consult current safety data sheet.

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