

## Rhenogran® Sb2O3-80

Predispersed rubber chemicals and additives

### Function

Flame retarder for natural and synthetic rubbers

### Product description

Composition:	80 % antimony trioxide (Sb2O3) 20 % elastomer binder and dispersing agents
Appearance:	off-white granules
Density, 20 °C:	ca. 2,84 g/cm <sup>3</sup>
Physiological properties:	see safety data sheet

### Use

Mode of action:	For improving the flame retardant properties of rubber compounds Rhenogran Sb2O3-80 is used in combination with a halogen donor, mainly chloroparaffin. Chloroparaffin reacts with Rhenogran Sb2O3-80 to form the flame retardant antimonyoxychloride. Chloroprene rubbers often contain sufficient chlorine for this reaction.
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.
Dosage:	In NR: 15-20 phr In CR: 3-8 phr
Application:	Flame resistant articles

### Packaging

25 kg carton with PE bag inside on 500 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 Rhenogran Sb2O3-80 please consult current safety data sheet.

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