

Rhenogran® PbO-80

Predispersed rubber chemicals and additives

Function

Curing activator and stabilizer for chlorosulfonated polyethylene (CSM) and chloroprene rubber (CR); also suitable as filler in compounds for x-ray proofing.

Product description

Composition:	80 % lead (II)-oxide 20 % elastomer binder and dispergants
Appearance:	yellow granules
Density, 20 °C:	approx. 3.9 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action:	Rhenogran PbO-80 acts as a curing activator in CSM and CR compounds, also in presence of aldehyde amine, guanidine and thiourea accelerators. PbO increases the critical temperature when using dithiocarbamate and thiuram accelerators. Rhenogran PbO-80 can only be used in black or dark-colored compounds, since black PbS is formed during the reaction. When used together with Rhenogran Pb3O4-80, Rhenogran PbO-80 serves as an activator in the vulcanization of butyl rubber with quinone dioximes.
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 active substance is assured.
Dosage:	3-20 phr
Application:	Cable compounds, extrusion compounds for the open steam vulcanization, water resistant articles, articles with good electric insulating properties, heat resistant CSM compounds; also in NR and synthetic rubbers for X-ray gloves, aprons and others.

Packaging

25 paper bags on 1000 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 PbO-80 please consult current safety data sheet.

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