

Product description

Composition	80% Finely selected calcium oxide, 20% EPDM binder and dispersing agents
Appearance	Grey-white granules
Density, 20 °C	Approx. ~ 2.25g / cm ³ (20°C)
Physiological properties :	See safety data sheet (MSDS)

Use Characteristics Konson® CaO-80 is a desiccant provided in EPDM rubber predispersed granules. Normal CaO binds the moisture by the formation of calcium hydroxide (Ca(OH)₂). This enables the production of vulcanizates to be cured without pressure and which, otherwise, even in using vacuum extruders, show porosity due to the moisture still present in the compounds. This is why Konson®CaO-80 is preferably used in extrusion compounds which have to be cured continuously either in open hot air, fluid beds, salt baths or in the UHF equipment. Konson® CaO-80 and also be recommended for the use in expanded compounds, particularly in microcellular sponge, because Konson® CaO-80 provides a more uniform cell structure.

Processing Advantages The thermoplastic, excellent compatible EPDM/EVA binder which is combined with active dispersing promoters allows much more easily and quickly incorporation and excellent dispersion in the rubber mixing. In this way, optimal activity of the effective CaO is assured.

Dosage levels The normal dosage is between 2 and 10 phr. It is mainly determined by the expected moisture content which mostly depends on the amount and type of filler used.

Applications Automotive and construction profile sealants, belts, straps, conveyor belts, rollers, cable coverings, rubber floorings.

Packing Net 30 kg cartons containing individually vacuum packed of 5 kg.

Storage stability In original closed containers under cool and dry conditions max. 12 months.

Handling Consult material safety data sheet (MSDS) for additional handling information.