

# VENLOOX-CaO

## PRODUCT IDENTIFICATION

- **Chemical Name:** Calcium Oxide
- **Physical Form:** White Powder
- **CAS Number:** 1305-78-8

VENLOOX-CaO is a powder containing 95% CaO to delay reactivity. The moisture present in plastics, PE, PP, rubber, and PVC chemicals, especially in fillers, is absorbed by VENLOOX-CaO, and the calcium oxide reacts with the moisture to form  $\text{Ca}(\text{OH})_2$ .

## SPECIFICATION

Properties	Test Methods	Units	Values
CaO	-	%	95±2
SiO <sub>2</sub>	-	%	max. 0.02
MgO	-	%	max 0.8
Al <sub>2</sub> O <sub>3</sub>	-	%	max. 0.2
Fe <sub>2</sub> O <sub>3</sub>	-	%	max 0.02

## APPLICATIONS

- It is used as a desiccant in applications such as PE Masterbatch, PP Masterbatch, rubber compounds, and PVC plastisol, which are cured without pressure (microwave system, LCM, hot air, or fluid bed). VENLOOX-CaO should be used to prevent blistering and porosity in the following plastic and rubber processes: PE Masterbatch, PP Masterbatch, PVC Plastisol, Pressureless continuous curing systems such as microwave, LCM, hot air, or fluid bed, low-pressure curing processes in the cable industry, cases where the negative effects of moisture in rubber compounds need to be prevented, industrial applications.

## PACKAGING & STORAGE

- Packaging: 1 pallet is 1000 kg pallet.
- VENLOOX-CaO should be stored in a manner that avoids direct exposure to sunlight and heat ( $T < 30^\circ\text{C}$ ). This compound should be used within 6 months after its production date.

### IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.

