



Product description

Akdolit® Magno-Dol CM is an alkaline reacting filter material prepared from selected dolomitic rock, with a splinter grain form. It is used for the neutralisation of water by filtration, up to pH of calcite saturation (pH_c) in order to achieve calco-carbonic equilibrium.

Due to its very high reactivity, its stable structure and its high chemical and microbiological purity, Akdolit® Magno-Dol CM can guarantee a safe and economic use, requiring little maintenance.

Akdolit® Magno-Dol CM complies with the requirements of the standard EN 1017 type 1, drinking water regulation and DIN 2000.

Application areas

Akdolit® Magno-Dol CM is used as a chemically reacting filter material in both open and closed fixed bed filters.

- Neutralisation, hardening and filtration of well, spring and surface water
- Neutralisation and filtration in connection with iron and manganese removal
- Neutralisation and filtration of water for swimming pools
- Hardening/Remineralisation of distillate and permeate for their use as drinking water

CHEMICAL COMPOSITION

(according to standardised analytical methods: EN 12485 and EN 1017)

CaCO ₃	~ 69,9%
CaO	~ 1,0%
MgO	~ 25,2%
MgCO ₃	~ 4,7%
Fe ₂ O ₃	~ 0,1%
Al ₂ O ₃	~ 0,1%
SiO ₂	~ 0,1%

PHYSICAL PROPERTIES

Grain size 1	0,5 - 2,5 mm
Grain size 2	2,5 - 4,5 mm
Bulk density (Grain size 1-2)	~ 1,1 t/m ³

Technical consulting service

The deacidification result depends on the raw water quality, the filter size and the operating conditions.

We would be pleased to provide you with a personalised recommendation or filter design tailored to your application. We can also conduct pilot tests for you to validate the results with your water quality.

Akdolit® Magno-Dol CM

Delivery

- Poly-bags of 25 kg each
- Bulk in tank vehicles
- Big bags

Storage

Store in a dry and frost-free place

Safety

Safety data sheet: Akdolit® Magno-Dol CM (available on request)