



KETTLITZ-Kezadol DAB-P

- technical leaflet -

Kezadol DAB-P is a calcium oxide powder treated with especially clean paraffin oil produced according to DAB 10 (Deutsches Apothekerbuch 10). The additive used meets the requirements of the "European Directive for Plastics" 2002/72/EG. The product has an active calcium oxide content of approx. 90 % and can be used as desiccant in rubber and/or plastics compounds.

Therefore, Kezadol DAB-P can be used for products coming into contact with food.

Moisture which is contained in compound components is absorbed by a chemical reaction in which the calcium oxide is transformed into calcium hydroxide. Especially for compounds which are cured by using pressureless systems and for polymer solutions which are dried at higher temperatures, the application of calcium oxide is necessary to avoid blisters or porosity.

Because of the low content of additives, Kezadol DAB-P reacts very fast. The reaction speed of the powder requires the precise observance of the indications and descriptions on our material safety data sheet to ensure safe handling of the preparation.

Kezadol DAB-P contains an extremely fine calcium oxide with an average particle size of 6–7 µm. It is free of impurities and therefore following screen residues can be specified:

≥ 150 µm	max. 10	ppm
≥ 45 µm	max. 0.1	%

Recommended use

The dosing depends on the moisture contained in the compound. Generally 3–4 phr of Kezadol DAB-P are needed to absorb 1 % of water.

Properties

Chemical Characteristics		calcium oxide coated by special dispersing agents
Appearance		light grey powder
CaO-Content	(%)	89.0 ± 2.0
Density at 20 °C	(g/cm ³)	approx. 2.73 (mathematically)
Bulk Density	(g/ml)	approx. 0.65
Ash Content	(%)	89,5 ± 2,5
Physiol. Behavior		see safety data sheet
Storage Stability		12 months under cool and dry storage conditions in sealed packing
Packing		cardboard boxes with PE innerliner; 12.5 kg net content