



KERAFLOC AL PULVER

Flocculant and sedimentation additive

Chemical basis

Organically modified aluminium salt

Characteristics

Appearance	white powder
Solubility	water-soluble
Bulk density	approx. 500g/l
pH (10%)	approx. 3.5
Al ₂ O ₃	approx. 24%
Ionicity	cationic

Shelf-life / Packaging

12 months when stored properly and dry | bags of 25 kg

Application

KERAFLOC AL Pulver is a flocculating agent based on an organically modified aluminium salt that is free from chloride and sulphate.

KERAFLOC AL Pulver brings about flocculation on forming a gel with a large surface area, leading to a particularly intense precipitation.

The advantage of KERAFLOC AL Pulver over the usually employed inorganic flocculants, such as aluminium sulphate or iron chloride is the absence of chloride or sulphate from the composition. This avoids formation of the corresponding acids, usually HCl or H₂SO₄, and, hence, the increased wear on the plant used for operation as a result of their corrosive action.

In addition, pale bodies are not discoloured, since iron salts are not used in the production of the additive.

Prepare a 10% solution of KERAFLOC AL Pulver by scattering it into water which is at approx. 70°C.

Since the dispersions or waste waters to be processed react differently to flocculating agents on account of their varying compositions, it is necessary to determine the requisite addition through comparative trials.

