

KAPPAMID VTX

Polyacrylic thickener

Chemical composition	aqueous polyacrylic dispersion
Appearance	viscous, white dispersion
pH-value 20 °C	approx. 3.0 (product)
Density 20 °C (g/ml)	approx. 1.05

Function

KAPPAMID VTX is a synthetic, solvent-free thickener suitable for the production of water-based printing and pigment pastes with high electrolyte content and for the thickening of aqueous dispersions of polystyrene-acrylates.

Solutions thickened with KAPPAMID VTX show a pseudoplastic rheological profile with elastic properties and prevent sedimentation and sagging without affecting the levelling properties.

KAPPAMID VTX does not affect the grip of the product.

Application

Recommended application level:

- 0,1 – 1 % KAPPAMID VTX (ideally 0.5 % on total formulation)

KAPPAMID VTX thickens in the pH range 8 - 9. The pH value is adjusted with ammonia. Pastes with too low viscosity can be thickened with a small amount KAPPAMID VTX.

Preliminary trials in the laboratory are necessary to adapt the thickener to the local conditions, such as water hardness and the type of polymer dispersion.

Dilution instruction

KAPPAMID VTX can be diluted with water at any ratio.

Storage

KAPPAMID VTX remains stable for at least 6 months if stored properly in tightly closed original containers.

A slight sedimentation at the bottom can be visible after prolonged storage. At the dawn of a new container and removal after a long storage time agitation is therefore essential.

Do not expose to frost!

Contact

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