

KAPPAMID FF 50 H

Formaldehyde-free, self-crosslinking polyacrylate dispersion

Chemical composition	aqueous polyacrylate dispersion
Appearance	white liquid
pH-value (20 °C)	5.0 – 6.0 (product)
Solid content (%)	approx. 50
Tg (°C)	30
Viscosity cps (20°C)	max. 1,000
Ionic charge	anionic

Contact

KAPP-CHEMIE Textil
 info@kapp-chemie.com
 +49 6772-9311-0



Function

KAPPAMID FF 50 H is a polyacrylate dispersion free of APEO and formaldehyde which can be used versatile in textile applications to achieve a hard, stiff handle. There is no external crosslinker needed to achieve the durability to washing and dry cleaning as it is self-crosslinking.

In cases of very high requirements to improve the washing and scrub fastnesses, the addition of an external crosslinking agent is possible.

The product is especially suitable for the production of nonwovens for insulation or filtration waddings.

Application

KAPPAMID FF 50 H may be applied by coating, impregnation, spraying, or foam application. For coating, a thickener has to be added, for foam application a foaming agent or foam stabilizer.

The application level has to be determined in pre-trials and depends on the treated material and the desired effect.

- › Temperature: 150 – 160 °C
- › Time: 1 – 5 minutes

Dilution instruction

KAPPAMID FF 50 H can be mixed with water at any ratio.

Storage

KAPPAMID FF 50 H remains stable for at least 1 year if stored properly in a tightly closed container.

Do not expose to frost!