KAPP-CHEMIE
TISSUE TEXTIL
SERVICES

KAPPAMID PS 60

Binder system for pigment dyeings

Chemical composition	polymer based on acrylate/acrylonitrile
Appearance	yellowish, milky dispersion
pH-value 20 °C	8.0 - 10.0
Solids Content	approx. 38
Ionic charge	weakly anionic

Function

KAPPAMID PS 60 is applied as binder to achieve fashionable effects, particularly with pigment-dyed wash-out articles. The process is suitable for ready-made garments of cotton or wool and their blends with synthetic fibres.

KAPPAMID PS 60

- gives a soft, transparent polymer film.
- results in low machine soiling.
- shows good substantivity.

Application

Recommended recipe in the washing-machine (garments on drum washing machine):

- 5 – 8 % ofw KAPPAMID PS 60 (quantity depends on amount of pigments)
- liquor ratio: 8:1 – 12:1

Add at 50 °C after cationisation or pigmentation. Afterwards heat the machine slowly to 70 °C. Add acetic acid of 60 % after 10 minutes.

KAPPAMID PS 60 forms a film, which is not soluble in water after drying. If it is used in a drum washing machine, it is necessary to rinse the machine at the end of the process and after the textiles have been removed to avoid KAPPAMID PS 60 drying onto it. This is especially important, if alkali is used in the subsequent process.

KAPPAMID PS 60 contains self-cross linking groups. By adding acetic acid a temperature in the tumbler of approx. 100 °C is sufficient to achieve a complete cross linking and therefore good wet fastness and rub fastness.

KAPPAMID PS 60 can also be applied in spraying process (WEKO).

Dilution instruction

KAPPAMID PS 60 can be mixed with cold water and should be added pre-diluted into the running machine.

Storage

KAPPAMID PS 60 remains stable for at least 1 year if stored properly and at a temperature below 30 °C in a tightly closed original container.
Do not expose to frost!

Contact

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