

ACMR-70

- Desizing/Scouring Agent For A Continuous Process

The desizing/scouring process of pre-treatment process has become more important in dyeing due to diversification of spinning oils and sizing agents according to development of fiber industry. **ACMR-70** devised by this reason is an excellent desizing/scouring agent for synthetic fibers.

◆ SPECIFICATION

* APPEARANCE	Uniformity Liquid
* IONIC NATURE	Anionic
* pH (1% aq. Sol'n)	10.0 ± 1.0
* SP.GR(at 25°C)	1.20 ± 0.05
* SOLUBILITY	Easily soluble in cold water.
* STORAGE STABILITY	Min. 1 year under cool and dry conditions when stored in original sealed, packaging.
* COMPATABILITY	Compatible with anionic and nonionic materials.

◆ FEATURES

- 1) Because of its excellent penetration/dispersion property, **ACMR-70** doesn't cause redeposition of sizing agents or other pollutants during a desizing process, having powerful scouring effect.
- 2) Because it is foam-free, **ACMR-70** doesn't need a defoamer. It is fit for a scouring agent for a continuous process.
- 3) **ACMR-70** has strong resistance to alkali, and it can be used even in hard water.
- 4) Because of its excellent heat resistance, **ACMR-70** doesn't cause a yellowing after scouring. And **ACMR-70** makes better the brightness.
- 5) Because it has easy washability, **ACMR-70** doesn't cause any troubles during a post-process.
- 6) **ACMR-70** has good storage stability, and it can be used as a soaping agent.
- 7) It is environmental-friendly product as APEO-free and NPEO-free.

◆ APPLICATION FIBERS

◆ HOW TO USE

Suitable for all fibers such as Polyester, Nylon, T/C, T/N, N/P, N/C, etc.

Recommended use levels are 1~4 g/l according to kinds, density, thickness



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◆ RECOMMENDED RECIPE

The recommended scouring method to remove simultaneously PVA and Acryl based desizing agents and various impurities on grey goods above 190T of above-mentioned application fibers is as follows.

1) Normal pressure scouring (Jigger)

- 98% NaOH : 4 g/l
- Na₂CO₃ : 2 g/l
- **ACMR-70** : 2 g/l
- **NS-800** : 1 g/l
- **TH-600** : 0.5 g/l
- Scouring conditions : 4-8 Cycles at 95°C.
- Washing conditions : Washing hot and then cold.
- Bath ratio : 1:4

2) High pressure scouring (Rapid)

- 98% NaOH : 10 g/l
- **ACMR-70** : 3 g/l
- **NS-800** : 2 g/l
- **TH-600** : 1 g/l
- Scouring conditions : Scouring for 60min at 100°C.
- Washing conditions : Washing hot and then cold.
- Bath ratio : 1:10-1:20

3) Continuous scouring (Continuous scouring machine)

- 98% NaOH : 15 g/l
- **ACMR-70** : 4 g/l
- **NS-800** : 3 g/l
- **TH-600** : 1 g/l
- Scouring conditions : 30-50 m/min at 95~100°C.
- Washing conditions : Washing hot and then cold.

◆ PACKAGE

140 Kgs NET IN DRUMS.

