



Technical Data Sheet

NARMADA RWS

1. Summary

NARMADA RWS is a low-foaming specialty softening agent which imparts a very supple, soft feel and lubricity to cellulose and synthetics. It also significantly increases overall softness and abrasion resistance when applied to woollen fabrics.

2. Advantages

- Gives a silky soft and flowing handle without impairing water absorbency to the finished fabric, and is particularly suited for towelling, bed-linen, knitted sportswear, hosiery, and inner-wear.
- Low foaming tendency, ideal for application in high turbulence machines such as soft flow jets and high-speed winches.
- Confers a full, soft natural feel and improves abrasion resistance of wool and wool blends, increasing fabric tear resistance and durability.
- Shows excellent resistance to yellowing of whites and dulling of bright colours, even when the finished goods are subjected to heat treatment or prolonged storage.
- Suitable for garment finishing by soaking in an aqueous dispersion, followed by squeezing, spin-drying, and ironing.

3. Features

- Hydrophilic mildly cationic softener
- Non-yellowing, suitable for white goods
- Low foaming, ideal for high turbulence machines
- Stable in hard water, acids, and mild alkalis

4. Storage

Stable when stored under normal storage conditions.

5. Typical Properties

- Type: Cationic
- Composition: Blend of ethoxylated esters and amino ethoxylates
- Appearance: White emulsion of medium viscosity
- Solubility: Completely dispersible in cold and warm water
- Compatibility: Stable in hard water, acids, and mild alkalis

6. Application

The product should first be mixed with an equal amount of water and diluted as required.

Exhaust Application:

Use 1 to 3% on weight of cloth in winch or beck at pH 5 to 7 for 20 minutes at 30 to 40°C, or by impregnation in a bucket or washing machine for garments, followed by drying, preferably at 100 to 130°C.

Pad Application:

Use at 10 to 40 g/l concentration at room temperature and pH 6 to achieve an effective pick-up of 1 to 3% on weight of fabric, followed by drying at 120 to 130°C.

7. Health & Safety

Health and handling advice on this product is available in the individual Safety Data Sheets (SDS), which can be requested as needed.

The information and recommendations presented here were complied with the utmost care, but cannot be extended to cover every possible case. They are intended to serve as non-binding guidelines and must be adapted to the prevailing conditions.