



Technical Data Sheet

NARMADA RAMIDO

Product Overview

NARMADA RAMIDO is a low-yellowing quaternary fatty amide derivative used to impart a soft, bulky, voluminous handle with excellent surface smoothness. It performs well on cellulosic, synthetic, and proteinic substrates, providing excellent body to the fabric, with low foaming and low odor characteristics.

1. Product Profile

- Product: Fatty acid amide
- Appearance: Creamish white liquid
- Ionic Nature: Cationic
- Solubility in Water: Soluble
- pH Value: 3.0 - 5.0
- Compatibility: Compatible with cationic and nonionic finishing agents (check required)

*Storage Stability: Stable under normal conditions for six months.

2. Application Features

By Exhaustion:

- Cotton, Synthetics & Blends (Knits): 1-2% on weight of material (owm)
- Soft Flow (Knits/Wovens/Denim): 1-2% owm
- Garment Finishing: 1-3% owm

pH: 5-5.5 | Time: 20-25 mins | Temperature: <40°C | Drying Temperature: 120-140°C for fabrics, Tumble dry for garments.

By Wet-on-Wet Padding:

- Cotton Knits: 30-50 gpl | pH: 5-5.5 | Time: 2 dips/2 nips | Drying Temperature: 120-140°C

By Dry-on-Wet Padding:

- Cotton Knits/Wovens: 10-20 gpl
- Synthetics/Blends: 5-10 gpl

pH: 5-5.5 | Time: 1 dip/1 nip | Drying Temperature: 120-140°C for Cotton, 150-160°C for Synthetics.

3. Application Precautions

- Check compatibility with other bath additives before use.
- Clean padding rollers regularly to avoid impurities.
- Check for pH drift during the softening cycle.
- Do not expose the product to prolonged periods at temperatures above 50°C.
- When not in use, keep the container tightly closed and stored under ambient conditions.
- Stir the product before use, especially if there are any changes in viscosity during storage.

4. Storage and Stability

- Store in a cool, dry place.
- Ensure the lid is tightly sealed after use.

*Shelf life of six months when stored in the original container at temperatures below 35°C. The product

may form a pasty cream due to its rheological characteristics during storage. Stir before use to ensure uniform absorbency.

5. Health & Safety

For health and handling advice, please refer to the Safety Data Sheet (SDS), available upon request.

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.