

KOLARY™ 7425 Nonionic Softener Flake

INTRODUCTION

KOLARY™ 7425 is a nonionic softener flake designed to impart a soft handle to textile fabrics. It is suitable for cellulosic fibers such as cotton and hemp, as well as synthetic fibers such as acrylic.

KOLARY™ 7425 can be applied by exhaust, padding and washing processes, including applications on heat-setting equipment and rinsing machines.

BENEFITS / EFFECTS

- Imparts a soft handle.
- Low impact on whiteness and color shade.
- Good stability under acidic conditions.
- Good compatibility with cationic and anionic auxiliaries.
- Suitable for one-bath neutralization, whitening and softening.

PHYSICAL PROPERTIES

Physical Form	Solid
Appearance	Yellowish or white flake solid
pH value (1% aqueous solution)	8.0-10.0
Ionicity	Nonionic
Solubility (10% aqueous solution)	Solution in water of 70°C

These values are typical and are not intended for use as specifications.

APPLICATIONS

KOLARY™ 7425 is suitable for the soft finishing of cotton, hemp and other cellulosic fibers, as well as acrylic and other synthetic fibers. It can be used in exhaust, padding and washing processes and is particularly suitable where good acid stability and compatibility with other textile auxiliaries are required.

USAGE GUIDELINES

KOLARY™ 7425 should be diluted before use.

Recommended dilution ratio: 1:20

Add the required amount of cold water to a suitable vessel and start stirring. Slowly add KOLARY™ 7425 flakes while maintaining agitation, then gradually heat the mixture to 70°C. Continue stirring at approximately 70°C for 40-60 minutes. Thereafter, continue stirring while cooling the mixture to

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below 40°C. Filter before use.

Do not add the flakes directly to hot water. Avoid excessive or prolonged heating during preparation.

Soft water is recommended for dilution. If soft water is not available, the stability of the prepared dilution should be checked before use.

When preparing the treatment bath, add the other auxiliaries first and adjust the pH to approximately 7 before adding the diluted KOLARY™ 7425. Avoid direct contact of the concentrated product with strong acids.

Prepared dilutions should not be stored for extended periods.

Padding process

KOLARY™ 7425 dilution (1:20): 40-80 g/L

Drying / heat setting: 160°C for 1-2 minutes

Exhaust process

KOLARY™ 7425 dilution (1:20): 4-8% o.w.f.

Treatment time: 15-30 minutes

Drying / heat setting: 160°C for 1-2 minutes

The optimum dosage and processing conditions should be determined by preliminary trials.

PACKING

KOLARY™ 7425 is supplied in 25 kg woven bags.

STORAGE

Store tightly sealed at room temperature and protect from direct sunlight. KOLARY™ 7425 has a shelf life of 12 months under these conditions.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SINOPCC customer service.

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NOTE

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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