

KOLARY™ 9032 Fluorine-Free Water Repellent

INTRODUCTION

KOLARY™ 9032 is a fluorine-free water repellent for textile finishing, particularly suitable for synthetic fabrics. It provides excellent water repellency and good processing continuity. The product is free from APEO, PFOA and PFOS and is compatible with commonly used textile auxiliaries, subject to prior testing.

BENEFITS / EFFECTS

- Fluorine-free
- Excellent water repellency
- Good processing continuity
- Easy dilution with water
- Compatible with common textile auxiliaries
- Suitable for conventional padding processes

PHYSICAL PROPERTIES

Appearance	White emulsion
Content (%)	30-32
Ionicity	Weakly cationic
pH Value	Weakly acidic
Solubility	Water-dilutable

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

APPLICATIONS

KOLARY™ 9032 is recommended for fluorine-free water-repellent finishing of textile fabrics, particularly nylon and polyester fabrics. It can also be used on selected blended and cotton fabrics. Typical applications include outdoor apparel, sportswear, casual wear, bags and other textile articles requiring water-repellent performance.

USAGE GUIDELINES

Recommended process: Padding

Typical conditions:

- Padding pressure: 3.0 kg/cm²
- Heat treatment: 150-170 °C for 40-90 s
- Water repellency evaluation: AATCC 22

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Application Reference:

Fabric	Dosage, g/L	Water Repellency
Nylon Taffeta	10	90
Polyester Pongee	11	90
Polyester Taffeta	17	90
Faille	18	90
Oxford	15	90
Cotton	40	90

- Check for shade deepening before use.
- Confirm compatibility with other auxiliaries.
- Dilute and maintain the treatment bath below 40 °C.
- Avoid strongly acidic or alkaline conditions.
- Use the prepared bath promptly; avoid overnight storage.
- Wash fabrics thoroughly to minimize hydrophilic or ionic residues.

PACKING

KOLARY™ 9032 is available in 120 Kg or 190 Kg plastic drums.

STORAGE

Keep the container tightly closed and store in a cool, well-ventilated place, protected from direct sunlight. Recommended storage temperature is 5-30°C. KOLARY™ 9032 has a shelf life of 12 months from the date of manufacture in the original unopened packaging.

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.

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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