

POWSIL™-60490 Color Deepening Agent

INTRODUCTION

POWSIL™-60490 is highly effective for fabric padding, offering outstanding deepening and color-modification effects, particularly for finishing and intensifying the "Arabic black" shade on polyester fabric.

For optimal depth enhancement, it is recommended to use POWSIL™-60490 in combination with KOLARY™-1749. First, treat the fabric with KOLARY™-1749, then follow with a secondary treatment using POWSIL™-60490.

FEATURES & BENEFITS

- Enhances the color depth and vibrancy of dyed fabrics, with particularly pronounced effects on black, blue, and navy-blue hues.
- Exhibits excellent color fastness, light fastness and rubbing fastness.
- Imparts fabrics with excellent smoothness and soft hand feeling.
- APEO free

PHYSICAL PROPERTIES

Physical Form	Liquid
Appearance	Milky white
Ionic character	Cationic
Main component	Block silicone emulsion
pH (25°C)	5.0-7.0
Water solubility	Easy to disperse in water

APPLICATION

Use a padding concentration of 20–30 g/L, adjusting as necessary based on specific process conditions.

Apply the treatment after dyeing, then perform a thorough rinsing and dehydration.

Typically, this process is implemented during the final tenting or heat-setting stage.

For long-lasting effects, the drying temperature must exceed 120°C; a range of 170–180°C for 90–120 seconds is recommended.

APPLICATION GUIDE

The recommended levels can be used for orientation. Optimal levels are

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determined through a series of laboratory tests.

PACKING

POWSIL™-60490 is available in 50Kg or 125Kg drum.

STORAGE

In the unopened original container, POWSIL™-60490 has a shelf life of 12 months in a dry and cool place.

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 SiSiB 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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