

SARABID MIP

Character	Multiprocess levelling agent for dyeing and aftersoaping cellulose fibres and their blends Greige dyeing of cellulose fibres and their blends Reactive conditioner with crease-preventing and sequestering effect Fastness conditioner for dyeings Universal accelerator of liquor throughput for apparatus dyeing of all fibres
Chemical Character	Mix of special polymers, surfactant, enzyme
Appearance	Brown, clear, slightly opal liquid
Ionic Character	Anionic
pH Value of a 10 % Solution	4.05
Density	Approx. 1.10
Stabilities	SARABID MIP is sensitive to frost to a certain extent; changes occurring at low temperatures disappear after warming up and stirring well.
Storage	On proper storage in closed original containers, the product is stable for at least 12 months.

The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

Properties

SARABID MIP is a mixture of numerous components with shares of very stable enzymes. Due to its wide activity range its application is advantageous for various processes and fibre types. It has sequestering, dispersing, pectine-degrading and crease-preventing properties. SARABID MIP masks disturbing non-ionic shares and increases the liquor throughput in apparatuses. When applied in the dyebath it can improve the fastness properties, particularly on dyeings with vat and sulphur dyes or on wool blends.

Processing

Diluting Instructions

SARABID MIP can be blended with water at any ratio.

Application Fields

SARABID MIP is a mixture of most effective chemical components which have proven well in dyeing with enzymes and components for the degradation of hydrophobic bars.

Greige dyeing of cellulose in medium and dark shades

The product can be applied for pretreating and dyeing cellulose fibres in one bath, as its washing effect doesn't develop until the components are saponified, and it is therefore not an incompatible partner for the dyes as it is often the case with non-ionic shares.

A one bath, multi-step dyeing process with preceding treatment with SARABID MIP is possible.

Greige yarns are mainly dyed with vat and sulphur dyes. PES/CEL blends can be dyed with all dye classes.

For the greige dyeing on yarn 2.0 – 3.0 g/l of the product are added to the existing recipe.

In case of knits the greige dyeing of PES/CEL blends on jets is mostly carried out. Depending on the article the addition of a separate crease-prevention agent and sequestering agent is not necessary anymore if water up to 5 °dH is used. CO qualities which do not contain too much oil can be dyed in greige form after adding a deaerating agent.

The application quantity is 2.0 – 3.0 g/l to the existing or optimised recipe.

On CO knits of varying quality:

Short pre-running process of 10 min at 50 °C

Drain and dye without intermediate rinsing

Add to the pre-running process: 0.5 - 1.0 g/l SARABID MIP

Add to the dyebath: 1.0 - 2.0 g/l SARABID MIP

Soaping process:

SARABID MIP can be applied to aftersoup reactive dyeings, particularly if the hydrophilic effect is to be subsequently improved. Application quantity: 0.5 - 1.0 g/l.

SARABID MIP can be applied in all dyeing procedures (piece goods, yarn, loose stock), even in long liquors on jets, overflows, winch becks.

Reactive conditioner

The addition of this product is advantageous for all kinds of reactive dyeings because it prevents precipitations with non-ionic surfactants as residues from pretreatment, leads to a better solubility of the dyes and in this way results in a more level appearance.

Depending on the article a separate crease-prevention agent and sequestering agent is not necessary if water up to 5 °dH is used.

The application quantity is 1.0 – 2.0 g/l to the existing or optimised recipe.

Universal fastness conditioner for dyeings

Particularly on vat and sulphur dyeings the product improves the fastnesses if used additionally in the dyebath. It facilitates the detaching of pigments in the subsequent soaping and washing baths.

In wool blends (WO/PES) the staining of the wool share can be avoided and better rubbing fastnesses can be achieved. In CEL/PES blends SARABID MIP can prevent the CEL share from being stained.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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