

## ARRISTAN CPK

<b>Character</b>	Finishing agent for modifying the handle and surface of textiles
<b>Chemical Character</b>	Copolymer based on cationic styrene acrylic dispersion
<b>Appearance</b>	White liquid
<b>Ionic Character</b>	Cationic
<b>pH Value</b>	2.0 – 3.0
<b>Specific Weight at 20 °C</b>	Approx.1.03
<b>Stabilities</b>	<p>ARRISTAN CPK is stable to the usual concentrations of water, acids and alkalis. The product is compatible with the resins and catalysts normally used in easy care finishing.</p> <p>Due to its cationic composition, there should not be any anionic component in the recipe. We recommend that you make sure that the equipment is clean before application, as it can be affected by anionic residues.</p> <p>ARRISTAN CPK is very sensitive to frost; after the impact of temperatures around the freezing point irreversible changes will occur.</p>
<b>Storage / Storability</b>	If stored properly, the product will hold for at least six months. Storage temperatures above 40 °C may strongly reduce the storability of the product.

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### Properties

ARRISTAN CPK forms a soft film after a thermal treatment at 150 – 160 °C.

### Application Technique

#### Diluting Instructions

ARRISTAN CPK can be diluted by pouring cold water over it while stirring.

### Application Fields

ARRISTAN CPK is a versatile polymeric finishing agent for all kinds of fibers.

ARRISTAN CPK is used:

- as additive for handle and surface modifications
- as additive in easy care finishes for increasing the easy-care effects
- for improving the abrasion resistance, the pilling behavior
- as binder matrix for functional finishes
- in combination with iSys AG bacteriostatic effects with a very good wash fastness are achieved

## Recipe Proposals

### Basic recipe (padder)

20.0 - 60.0 g/l	ARRISTAN CPK
pH Value:	5.5
Liquor pick-up:	approx. 70 - 80 %
Drying:	100 - 130 °C

### Basic recipe (exhaust procedure)

2.0 - 4.0	%	ARRISTAN CPK
pH Value:		5.5
Liquor ratio:		1 : 5 - 1 : 20
Temperature:		40 – 50 °C
Time:		20 min
Drying:		100 - 130 °C

### ARRISTAN CPK for easy care finishing

30.0 - 60.0 g/l	REAKNITT TW
10.0 - 20.0 g/l	POLYAVIN PEN-A
40.0 - 60.0 g/l	ARRISTAN CPK
20.0 - 40.0 g/l	ARRISTAN 777
Liquor pick-up:	approx. 60 - 80 %
Drying:	under standard conditions
Condensation:	3 min at 150 °C or 30 - 50 sec at 170 °C

### Bacteriostatic finish of e.g. sportswear

10.0 - 30.0 g/l	ARRISTAN CPK
0.5 - 3.0 g/l	iSys AG
20.0 - 30.0 g/l	TUBINGAL HWS
pH Value:	5.5-6.0
Liquor pick-up:	approx. 70 - 80 %
Drying:	100 - 130 °C

Due to the sensitivity to light, we recommend processing liquors containing iSys AG as soon as possible. Longer standing times are to be avoided.

Use biocides safely. Always read the label and product information before use.

**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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