
AVISTAT® 3 P

Character	Antistatic agent
Chemical Character	Salts of a phosphoric acid ester
Appearance	Slightly yellow, clear liquid
Ionic Character	Slightly anionic
pH Value (100g/l)	6.7 - 8.4
Specific Weight at 20 °C	1.13
Stabilities	<p>AVISTAT® 3 P is stable to the usual concentrations of acids, alkalis and salts. It can be combined with anionic and non-ionic products. Its compatibility with cationic products has to be checked in preliminary trials.</p> <p>The product is sensitive to frost. After the impact of temperatures far below the freezing point irreversible changes will occur.</p>
Storage	If stored properly in closed containers, AVISTAT® 3 P will hold for up to 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.

Description

AVISTAT® 3 P is a highly efficient antistatic agent for universal application.

Properties

AVISTAT® 3 P stands out for the following properties:

- excellent antistatic effect
- suitable for all fibre types; preferred application on synthetic fibres and their blends
- no influence on handle
- no yellowing, even at higher drying and fixing temperatures

®= registered trade mark

- the colour shade and the fastness level of the dyeings are not influenced
- can be well combined with softeners and other finishes; in combination with cationic products we recommend carrying out preliminary tests to verify the compatibility.

Application Technique

Diluting Instructions

AVISTAT® 3 P is clearly soluble with water at any ratio.

Application Fields

AVISTAT® 3 P can be applied by padding preferably on synthetic fibres and their blends.

Out of an aqueous solution AVISTAT® 3 P can be applied by spraying.

Recipe Proposals

Padding process

a) Polyester, polyacrylonitrile, cellulosic fibres

4.0 - 8.0 g/l AVISTAT® 3 P

Liquor pick-up: 60 - 80%

Drying/fixing: usual industrial conditions

b) Polyamide, wool, silk

6.0 - 10.0 g/l AVISTAT® 3 P

Liquor pick-up: approx. 60 - 80%

Drying/fixing: usual industrial conditions

Spraying method

20 - 50 g/l AVISTAT® 3 P

Liquor pick-up: 10 - 20%

Drying/fixing: usual industrial conditions

During the spraying of liquids aerosols may be formed.

We recommend an optimal exhaust system or room ventilation while spraying to prevent the aerosols from distributing in the working area. The best possible application by spraying is in closed machines.

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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