

POLYAVIN PEN A

Character	Non-ionic sewing additive and raising softener
Chemical character	Special polyethylene emulsion
Appearance	Beige liquid
Ionic character	Non-ionic
pH-value	7.0 – 8.5
Specific weight at 20 °C	Approx. 1.0
Stabilities	<p>POLYAVIN PEN A is stable to the usual concentrations of hard water, acids, alkalis and Glauber's salt.</p> <p>POLYAVIN PEN A has a good stability to the products used in finishing or resin finishing.</p> <p>POLYAVIN PEN A is very sensitive to frost; when being exposed to temperatures around the freezing point, permanent changes result.</p>
Storage	If stored according to instructions in closed original containers, POLYAVIN PEN A can be stored for at least 12 months.

Properties

POLYAVIN PEN A is suitable as a sewing additive for all kinds of fibres. It imparts an excellent surface smoothness and a pleasant softness to the goods.

When applying POLYAVIN PEN A on very closed-meshed goods these are excellently sewable. The number of mesh breakages is considerably reduced.

POLYAVIN PEN A can be combined with all softeners to obtain an optimal handle and best sewability.

POLYAVIN PEN A is very stable to sublimation and also suitable for application in resin finishing liquors to improve the abrasion and tearing fastnesses.

POLYAVIN PEN A is best suited for white goods. It is well compatible with brighteners and does not impair the degree of whiteness. POLYAVIN PEN A has only a slight affinity for cotton and is therefore preferably applied on the padding mangle.

The application by exhaust method may be necessary if POLYAVIN PEN A as handle or sewability additive is applied together with a softener. In case of such a combination POLYAVIN PEN A will mount also onto the fabric due to dragging effects.

POLYAVIN PEN A has a good permanence towards washing and dry cleaning. Provided that the product was applied evenly, the over dyeing does not cause any problems.

POLYAVIN PEN A is used in raising finishing for PES-fabric. It gives a beautiful and voluminous pile without influencing the fastnesses.

Compared to raising softeners containing silicone it has the advantage that it does not act as a separating agent in subsequent laminating processes.

Application technique

Diluting instruction

POLYAVIN PEN A is miscible with cold water in every ratio.

Application proposal

The application amounts depend on the material to be treated and the effect desired.

Recipe proposals for the padding method

To improve the sewability: 10 - 20 g/l POLYAVIN PEN A

Additive in the resin finish: 20 - 30 g/l POLYAVIN PEN A

Raising softener: 10 - 20 g/l POLYAVIN PEN A

10 - 20 g/l LUSTRAFFIN U

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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CHT GERMANY GMBH, P.O. Box 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, homepage: www.cht.com

CHT TURKEY KİMYA SAN. VE TİC.A.Ş., Akçaburgaz Mah. 3118. Sok. No:2 Esenyurt/İstanbul, Tel: :+90 212 886 79 13, Fax:+90 212 886 93 47,

Email: info.turkey@cht.com