

POLYAVIN PEN TR

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 TR is stable to the usual concentrations of hard water, acids, alkalis and Glauber's salt.</p> <p>POLYAVIN PEN TR has a good stability to the products used in finishing or resin finishing.</p> <p>POLYAVIN PEN TR 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 TR can be stored for at least 12 months.

Properties

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

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

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

POLYAVIN PEN TR is best suited for white goods. It is well compatible with brighteners and does not impair the degree of whiteness. POLYAVIN PEN TR 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 TR as handle or sewability additive is applied together with a softener. In case of such a combination POLYAVIN PEN TR will mount also onto the fabric due to dragging effects.

POLYAVIN PEN TR 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 TR 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 TR 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 TR
Additive in the resin finish:	20 - 30 g/l POLYAVIN PEN TR
Raising softener:	10 - 20 g/l POLYAVIN PEN TR
	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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