

PERMANTEX 768

Product for the anti-felting finishing of articles of wool and its blends.

Chemical-Physical Characteristics:

Chemical constitution:	Polyurethane compound
Physical aspect:	Colorless opalescent liquid
Ionic charge:	Non ionic
pH (5% solution):	3.5 ± 1
Density (20 ° C):	about 1.0 g / cm ³
Stability:	Stable to organic and inorganic acids and alkalis (up to pH 9).
Storage stability:	6 months in closed drums. Avoid exposing the product to temperatures above 40 ° C and below 0 ° C.

Properties:

PERMANTEX 768 allows permanent anti-felting finishing, without pre-chlorination or oxidizing treatment, of wool or wool blends. The product is suitable for finishing knitted or woven fabrics, garments (for example pullovers and socks), and thick yarns in skeins.

The combination of PERMANTEX 768 with polyurethanes, such as NOVASIL 302, leads to a further improvement in performance.

Applications:

PERMANTEX 768 can be applied, alone or in combination with a polyurethane dispersion, by padding, by spray or in a long bath. It is necessary to wash thoroughly before treatment, in order to eliminate the greasy residues on the fiber, it is also advisable to check the pH of the material (uni en 1413 standard) and adjust the value above 6 pH units, for a correct functioning of the finishing.

After applying PERMANTEX 768, it is necessary to polymerize the material, drying at 100 - 160 ° C and performing another pass in the stenter for 30-60 'at higher temperatures.

However, it is preferable to vaporize the goods for 3 minutes after drying in a decatizing machine the cross-linking and decatizing operations ensure the optimization of the finishing and a pleasantly smooth hand.

If the polymerization does not take place in the stenter, it is necessary to make sure that the goods remain rolled without creases until decatizing.

In case of mixed colors with dispersed dyes it is necessary to apply PERMANTEX 768 exclusively after dyeing to avoid a decrease in the rubbing fastness, furthermore polymerize the articles at temperatures between 100 and 120 ° C and subsequently vaporize.

Doses for use:

For correct crosslinking of the finishing products, adjust the padding bath to pH 7 - 7.5 with sodium bicarbonate. To obtain a better and more uniform wetting of the goods, add 1 - 3 g / L of BIOPAL 150 to the bath.

Anti-felting finish on fabric or jersey

50-80 g / L PERMANTEX 768

5 - 8 g / L sodium bicarbonate

For particularly difficult goods the dosage can be increased up to 100 g / L

Anti-pilling finishing

30 - 40 g / L PERMANTEX 768

20 - 30 g / L NOVASIL 302

1 - 2 g / L sodium bicarbonate

The above information is only indicative and without any guarantee on our part for use.
Please contact our technicians for assistance and for anything not mentioned in this document.
The data contained in this sheet are not to be considered specific.