

HEXATAN PFN LiQ

Auxiliary for low salt pickling & dye exhaustion

HEXATAN PFN LiQ

- When used in pickling allows the reduction of salt without changing the character of the article, therefore major reduction of salt in the effluent
- It reduces the offer of chrome tanning agents, with an improvement in penetration and fixation
- Can also be applied in chrome free tanning systems
- It also reduces the offer of basifying agents
- Also has minor tanning effect thus allows pickling at slightly higher temperature than normal temperature
- Imparts significant improvement in tensile strength
- when applied reduces the pH gradually hence enhances the fixation of anionic chemicals at the end of re-tanning process

PROPERTIES

Aspect	:	Reddish brown liquid
Basis	:	Modified poly sulphonic acids
Concentration	:	60 ± 2%
pH (1:10)	:	6.0 – 7.0
Active content	:	60 ± 45%
Solubility	:	Excellent
Stability	:	Stable to electrolytes at usual concentration in tannery
Light fastness	:	Excellent

APPLICATIONS

Pickle for split hides:

20 – 30%	cold water
2.0 – 3.0%	salt
2.0 – 3.0%	HEXATAN PFN LiQ in 2 lots - dilution 1:5

final pH app 3.0

Pickle for unsplit hides:

20 – 30%	cold water
3.0%	salt
0.5 %	Sodium formate





3.0 – 4.0% **HEXATAN PFN LiQ** in 2 lots - dilution 1:5

final pH app 3.0

It is not advised to extend the pickle time overnight before adding chrome

Quantities of **HEXATAN PFN LiQ**, to be used as alternative to formic acid in dyeing process largely depends on the neutralization and the re-tanning. However a replacement of 1:1 will give similar end pH

STORAGE

Under dry and cool storage conditions, the product does not show any problem and has a shelf life of 1 year. Some slight sedimentation may appear if stored for prolonged time under warm conditions. But this does not affect either the solubility or the efficiency of the product. Product should be stirred well before use

Note: Has very low electrolyte content, thus low effluent pollution. Has an advantage of easy feeding in to drums where the automation methods are adopted. **HEXATAN PFN LiQ** is strong acid, hence must be handled as sulfuric acid.

