

SYNTAN PMI

Phenol naphthalene condensate replacement syntan free from “Free Formaldehyde”.

CHARACTERISTICS :

Composition	: Phenol Naphthalene Condensate
Appearance	: Light Yellow Powder
Solid Content	: 97 ± 1%
Charge	: Anionic
pH (1 : 10)	: 3.5 ± 0.5
Solubility	: Readily soluble in water
Astringency	: Mild
Light Fastness	: Medium
Effect on Leather Color	: Almost White
Dye Bleaching Effect	: Moderate
Stability to Salts	: Good
Shelf Life	: Twenty four months

SYNTAN PMI is a replacement syntan, which has a wide range of application in the retanning of all types of chrome leather and in the vegetable tannage. The treated leathers have fine grain pattern and a tight but soft handle. In self-tannage, **SYNTAN PMI** produces almost white, fairly lightfast leathers with mellow handle and good grain resilience.

SYNTAN PMI ensures good dispersion and uniform penetration of vegetable & resin tanning materials. Owing to its low astringency the treated leathers exhibit finer and cleaner grain, a more uniform feel and paler color.

SYNTAN PMI has a pronounced leveling effect on dyeing and is particularly suitable for pastel shades.

Buffing and embossing properties are considerably improved by retannage with **SYNTAN PMI**. Leathers retanned with **SYNTAN PMI** are better filled and firm.

SYNTAN PMI also helps in better control on “Free Formaldehyde” content in final leather.

SUGGESTED APPLICATIONS:

SYNTAN PMI is preferably added to the tanning drum in undissolved state alongwith other retanning materials. It can be used either alone or in combination with other anionic synthetic tanning agents, as required.

It has a high filling & retaining action. Better filling is obtained by combining it with resin tanning materials such as Syntan R-MF, Syntan R-LF or vegetable tanning materials.

The incorporation of **SYNTAN PMI** in vegetable tannage accelerates tanning material penetration, improves the grain properties, and lightens the leather colour. It also prevents the sludge and mould formation. Of the total vegetable tanning material used, a replacement of 20% to 30% by **SYNTAN PMI** produces best results.

Depending upon the type of leather being produced and properties required, an addition of 2% to 6% of **SYNTAN PMI** during retannage of chrome leather is recommended.

Note : Syntans containing extremely low levels of free formaldehyde (below 50 ppm) are termed as “Formaldehyde Free”. Compliance with the restrictions on free formaldehyde in final leathers is dependent on judicious use of this product and on other inputs. We do not guarantee the free formaldehyde level in leather as the conditions of use and process are beyond our control.