

Some Tannage Problems of Nonchrome Tanning Agent

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Abstract: Chrome tanning system has been gone through over one hundred years practice. It is well known that the important characteristics of chrome tanning agent and chrome tannage are easily commercial carrying out or perfectly technologic. On account of the distinctness in chemical and physical characters between non-chrome tanning agent and chrome tanning agent, it should be considered non-chrome tannage. In this paper, there is discussion of non-chrome tannage based on tanning agents such as nonchrome metal, vegetable tannins, phosphonium (THP) salts, oxazolidine and aldehyde. The homeostasis research of penetrating and combining in tanning process will be done when these nonchrome tanning agents substitute for chrome salt practicably in leather industry.

Key words: chrome; non-chrome; tanning agent; tannage