Effect of cold-jointing leather fiber

For leather industry, the hydrothermal stability of leather is very important. The desirable properties of leather could be easily obtained by the use of chromium and GTA in spite of the toxic ...

In this study, the gliding arc, with air and water vapor plasmas, was used for the surface modification of natural leather for the first time.

As hides and skins are processed to produce leather, chemical and physical changes take place that affect the strength and other physical properties of the material.

The leather behavior is decisively influenced by fiber volume fraction, fiber-bundle force-strain function, and number of contacts. The latter can be changed with the tanning process.

Well, friends often ask questions about leather cable. Next, let"s talk in detail about the method of connecting SC cold connectors to the leather cable and the characteristics of the leather ...

atrix, which could indirectly prove the non-thermal effect in leather drying. Also, microwave increased the dielectric constant of leather, which could directly prove the non-thermal effect in the process. In ...

Whenever solid leather-waste fibers were incorporated as particulate-reinforcing constituents in the polymer matrices, it offered exceptional characteristics to the material which made it acceptable for a ...

The data presented in this article are related to the research article entitled "Effect of collagen packing and moisture content on leather stiffness" ...

When collagen molecules align in the strain direction during tanning, leather stiffens not only by the fiber alignment itself but also because collagen molecules pack closer together, reducing ...

Natural leather for bags should be light and have good compression elasticity along with its existing mechanical properties, whereas artificial leather should be light and have improved ...

The data presented in this article are related to the research article entitled "Effect of collagen packing and moisture content on leather stiffness" (Kelly et al., 2018).

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