

The production of AppleSkin™

In this video I want to show how AppleSkin™ is produced.

AppleSkin™ is made from apple pomace. These are leftovers from the production of apple juice delivered by a company called Frumat.

First, the apple pomaces are collected, washed and then dried.

Afterwards the apple pomace is extracted into a highly concentrated liquid and converted into fine powder. This makes it easier to mix and store.

As a next step, the powder is mixed with water-based polyurethane, short PU+.

Polyurethane is used to make the leather waterproof, more durable and more resistant. It is more environmentally friendly than other alternatives, but still has a high environmental impact during production and disposal.

Later, the compound is put together with Lyocell, which is then dyed in the desired color.

The product now looks like a usual big fabric roll and the production of AppleSkin™ is finished.

Manufacturers can buy the rolls to do their own products.