DEBAZYM ACD

Special product based on a special enzyme blend designed for acid bating. It can be used between pH 2,5 and 3,5.

Descriptive properties

Appearance	:	Light cream fine powder mix
pH optimum	:	pH 2,5 - 3,5
pH (1:10)	:	6,0 - 8,0
Solubility	:	Completely miscible with water
Storage	:	Minimum 1 year - dry storage-

Debazym ACD by its nature has a very wide range of applications in the manufacture of lightweight, airy and soft leathers. The product has significantly increases the surface area yield by reducing wrinkle formation. Soft, airy and light leathers, with improved dyeing quality and higher surface area, are obtained by a more environment friendly enzymatic process.

Debazym ACD dissolves and removes all excess gelatinous material from the fiber and opens the structure so that dyeing, retanning and fat liquoring operations become more effective. Cleansing effect associated with the product gives cleaner and even colored leather surfaces.

In double face manufacture Debazym ACD improves the handle, the appearance, the wet ability, the softness and the tensile strength.

Application recipes

As a general rule of thumb longer contact times of the product with the skins/hides will allow better performance.
An example application is given as a guidance:
Pickling: 30'C Bome 6
3,0 g/l Formic Acid (85%)
1,0 g/l Acetic Acid
0,7 g/l Sulphuric Acid (98%)
2,0 g/l DEBAZYM ACD
Run for 2 hours, leave overnight on auto, drain and pile in the morning.
Tanning: 35'C Bome 6
1,0 g/l Formic Acid (85%)
8,0 g/l Tankrom AB (SISECAM)
x g/l Fatliquor run 60 minutes
8,0 g/l Tankrom AB (SISECAM)
3,0 g/l Sodium Formate run 120 minutes
3,0 g/l Sodium Bicarbonate run 120 minutes
pH:3,8. Leave overnight on auto. Run 30 minutes in the morning and drain.

Packaging

25 kg in kraft bags.

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ISO 9001: 2015
ISO 14001: 2015
ISO 45001: 2018