

## EMDIRENAL PF

### *Middle chain anionic neutral polyphosphates.*

#### **Descriptive properties**

<b>Appearance</b>	: White fine powder
<b>pH</b>	: 5,8 - 7,5
<b>Storage</b>	: App. 2 years - dry storage-

Emdirenal PF has a very high dispersing power and a good chelating effect on calcium and magnesium salts : it keeps the lime suspended in the liming bath and allows the liquor to penetrate in a more uniform and rapid action thus Emdirenal PF avoids the formation of wrinkles and lime blasts, gypsum and iron stains.

Its high sequestering power helps removal of lime spots when used in the washings prior to deliming, cleaner and strong grain structure is assured.

Emdirenal PF improves the solubility of calcium hydroxide during CO2 deliming.

When used in pickling Emdirenal PF favors the uptake of chrome salts : more compact and fuller leathers are obtained.

Thanks to its tanning power Emdirenal PF prevents the acid swelling, improves and makes the removal of natural fat easier. It allows washings without salt after degreasing.

Used in the neutralization of chrome tanned leathers Emdirenal PF improves to a great extent the fullness and assures much better distribution of the retanning agents and anionic dyes in the subsequent processes.

When dyes dissolved together with Emdirenal PF a much better dyeing uniformity is assured.

#### **Application recipes**

In liming as a dispersing agent to keep the lime suspended and prevent lime blasts and spots : 10,0 % of the total lime offer.

In deliming to clean the lime blasts and spots : 0,2 - 0,5 % in the washings.

In CO2 deliming 0,2 - 0,5 % to improve solubility of calcium salts.

In pickling before tanning material offer : 0,5 - 1,5 %

In depickling of pickled stock as a pretanning agent and degreasing auxiliary : 2,0 - 3,0 % at 6 Be.

In neutralization : 1,0 - 2,0 %

In retanning before or together with the dyestuffs 1,0 %

#### **Packaging**

25 Kg in kraft bags.