



PROSOFT NPE

PROSOFT NPE is a LDPE emulsion developed in concentrated form to enhance the sewing properties of woven or knitted goods. It can be used as an additive to various resin, glyoxalin, fluorocarbon etc.

CHARACTERISTICS:

Composition : Polyethylene emulsion
Appearance : Turbid liquid
pH : $7,0 \pm 0,5$
Ionic char. : Nonionic
Solubility : Easily soluble even with cold water

APPLICATION:

PROSOFT NPE gives following advantages to the fabric as listed below:

- The fabric gets a soft and bulky handle.
- It reduces the friction of the needle whilst sewing and therefore reduces the chance black spots.
- It allows easy working conditions in confection.

Recommended Dilution Process

Dilution Ratio: 1(**PROSOFT NPE**):3(water) – 1(**PROSOFT NPE**):4(water)

1. Charge the water to mixing tank
2. Start the mixer
3. Add the **PROSOFT NPE** at 10 minutes
4. Proceed the mixing plus 10 minutes
5. Stop the mixer
6. Final product is ready to use

PROSOFT NPE can be applied with exhaust and impregnation method as desired.

Recommended usage may differ according resin utilized and the handle itself, but usually the concentrations given below will be sufficient to reach requested result.

	Impregnation	Exhaust
Usage	20 – 40 gr / lt	2 – 4 gr / lt
pH:	$6,0 \pm 0,5$	$5,0 \pm 0,5$
WPU	70 – 80 %	---
Temperature	---	40-50 ° C

STORAGE CONDITIONS:

Keep out of direct sunlight or freezing. It is stable for at least 6 months if stored in original packing and recommended storage conditions.

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