

UNISIL NLP-W

Macro-Nano silicone Emulsion

Characteristic : Modified, functional, polydimethyl siloxane.

Appearance : Colorless liquid.

Ionic State : Weakly cationic.

Properties :

- Since **UNISIL NLP-W** is the combination of macro and nano size silicones, it imports to the fabric bulky, flexible handle with a slippery effect due to it's macro component.
- Due to it's strong concentration, application amount is very low. Further increase in the recipe, does not reflect itself as additional softness.
- Since it's phenolic yellowing fastness is 4/5, it is non-yellowing softener.
- It is advised for knits and woven fabrics.

Solubility : Soluble in water.

pH(25 °C) : 5 - 6

Application :

- **UNISIL NLP-W** is diluted with cold water and added into supply tank of padder. Recommended amount;

Cotton	10 - 20 g/L
PES	5 - 10 g/L
PES / VIS	10 - 15 g/L
Viscon	5 - 10 g/L
Acetic acid	1 ml/L
Temp.	25 °C

Storage : 1 year.

These data are based on our practical experience and may be recommended only without any liability, due to the different plant conditions.