



PROSIL 1601

PROSIL 1601 is a specifically developed for terry towel business and has good affinity to all types of fibers and fabrics. The silky handle of the fabric differs in bulky and hydrophilic character. Being one of the new generations of chemistry **PROSIL 1601** allows the use not just in padding but also in exhaustion. Thanks to its unique chemistry of **PROSIL 1601** it does not cause any phenolic yellowing problem. **PROSIL 1601** can be diluted 1:3 – 1:4 by water.

CHARACTERISTICS

Composition : Amino modified hydrophilic micro silicone emulsion
Appearance : Off white viscous liquid
PH : $6,0 \pm 0,5$
Ionic Char. : Nonionic
Solubility : Dissolves in water at any concentration.

USING CONDITIONS and APPLICATIONS:

PROSIL 1601 with its non-yellowing characteristic can be utilized in every finishing aspect on each different composition of fibers as well as regardless of fiber type. One of the compromising advantages of **PROSIL 1601** is the fact it significantly enhances the hydrophilic character of the fabric.

Recommended Dilution Process

Dilution Ratio: 1(**PROSIL 1601**):3(water) – 1(**PROSIL 1601**):4(water)

1. Charge the water to mixing tank
2. Start the mixer
3. Add the **PROSIL 1601** at 10 minutes
4. Proceed the mixing plus 10 minutes
5. Stop the mixer
6. Final product is ready to use

Recommended usage from diluted form may differ according to requested handle, composition of fabric, hydrophilic character of the towel / material etc , but usually the concentrations given below will be sufficient to reach requested result.

	Exhaustion (Fl. 1:10)	Padding
Usage:	2-3 %	20 – 30 gr / lt
pH:	$5,5 \pm 0,2$	$5,5 \pm 0,2$
Wet pick up: (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.

The information given herein and otherwise supplied to users is used on our general experience. However, we can not accept liability for any injury, loss or damage resulting from reliance upon the information due to possible factors beyond our knowledge and control.