



TECHNICAL INFORMATION

Soften Hydro ZEN

Concentrated Hydrophilic Silicone Emulsion

- Soften Hydro ZEN; provides high hydrophilic properties, excellent softness and slipperiness to the fabric on which it is applied.
- Soften Hydro ZEN; does not adversely affect the hydrophilicity of the applied fabric.
- Soften Hydro ZEN; has high resistance to yellowing.
- Soften Hydro ZEN; provides ease of sewing.
- Soften Hydro ZEN; is suitable for foulard and exhaust method.

PROPERTIES

Chemical Structure	Silicone emulsion
Appearance	Transparent slightly viscous liquid
pH	5.0–7.0
Ionic Character	Slightly Cationic
Solubility	Soluble in water in any ratio

APPLICATION

Application amounts varies depending to desired final hand–feeling.

Foulard Method

10–30 g/l Soften Hydro ZEN

pH:4.5–5.5

Pick–up:~ 70–80%

Drying & Curing:130–150°C

Exhaust method

1–3% Soften Hydro ZEN

pH:4.5–5.5

Bath liquor: 1:5–1:20

Temperature: 40–50°C

Duration: 20–30 min

Drying & Curing:130–150°C

Storage and handling

Suitable storage condition is 12 months in closed containers.

(Sensitive to freezing and temperatures above 40°C)

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