



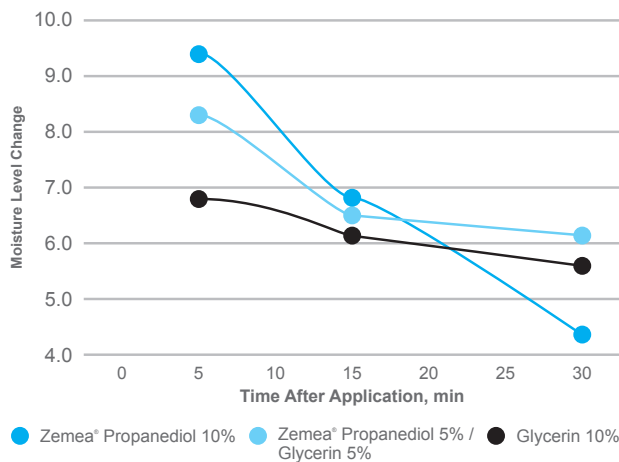
# Zemea® Propanediol

## Skin Moisturizing Performance

The initial moisturizing effect of Zemea® propanediol was compared to glycerin in an aqueous solution. Three aqueous solutions were formulated using 10% Zemea® propanediol, 10% glycerin, and a 5% Zemea® propanediol / 5% glycerin mixture.

Each test formulation was applied to the forearms of the volunteers and moisture levels were measured by conductance using a Corneometer® ASA-M2 (Asahi Biomed, Yokohama, Japan).

**Skin Moisturization Increase Compared to 10% Glycerin**



## Advantages

- Zemea® propanediol provides better skin moisturization during the initial application.
- Zemea® propanediol shows a synergistic effect when formulated with glycerin that improves and extends skin moisturization.
- Formulating with a Zemea® propanediol / glycerin mixture for improved moisturization requires less glycerin and may reduce tackiness.

Source: Iwase Cosfa Co.

**For additional information or samples:**

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