

All New Hydrogel Formula

# AGELU™

INCI name

Agar, Xanthan Gum, Ceratonia Siliqua (Carob) Gum

## AGELU™ is

- 100% Natural Origin
- 100% Non Mesh Hydrogel Formula
- Eco-Friendly & Biodegradable
- Without Skin Irritation by Mesh
- Highly Transparent Formula
- Highly Adherent to the Skin
- New Mechanism to Inhibit Water-Phase to Spill Out Extremely
- Higher Transparency compared to bio-cellulose & conventional hydrogels
- Release of Active Ingredients by the Skin Temperature

### applications

- Facial mask pack and Partial pack
- Patches of various kinds

### description

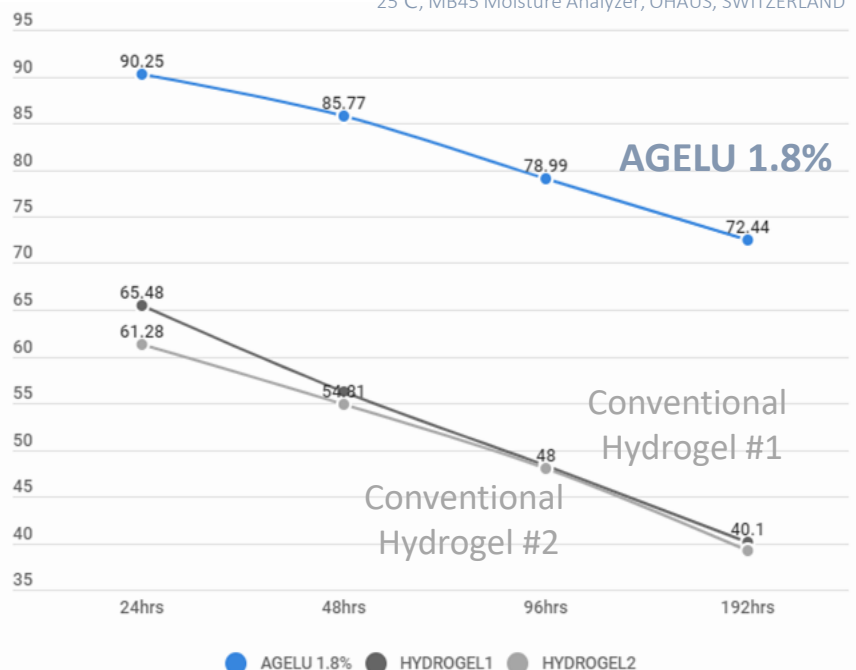
- Slightly yellow mixed powder
- No additives were added

### formulation guidelines

- Level of use : 1.6 - 2.0%
- no incompatibility with other cosmetic active substances
- Various Custom-Made are Available with technical support of IWASE COSFA

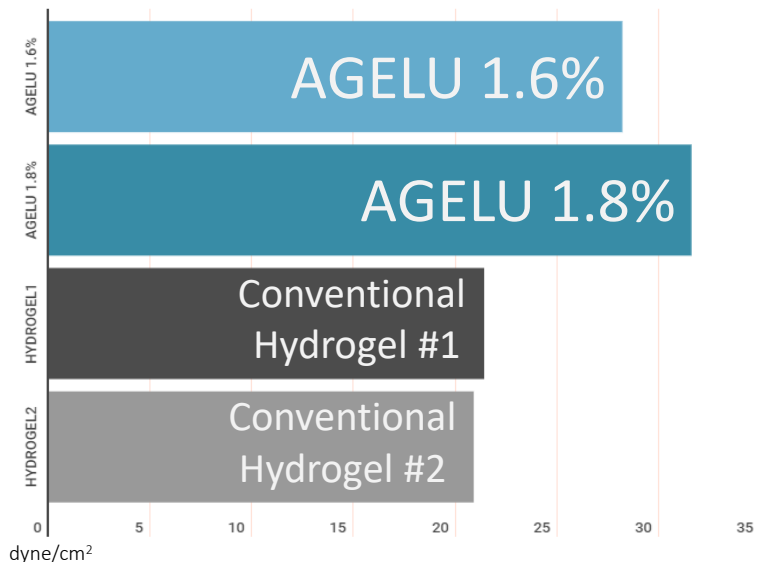
### Comparison of Water Retention Rate

25°C, MB45 Moisture Analyzer, OHAUS, SWITZERLAND

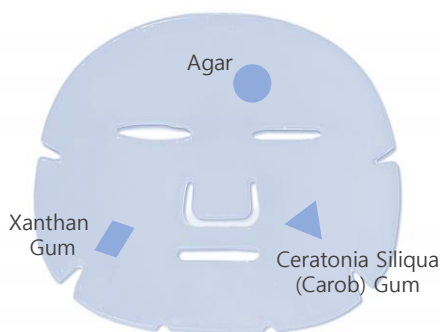


## Comparison of Gel Strength

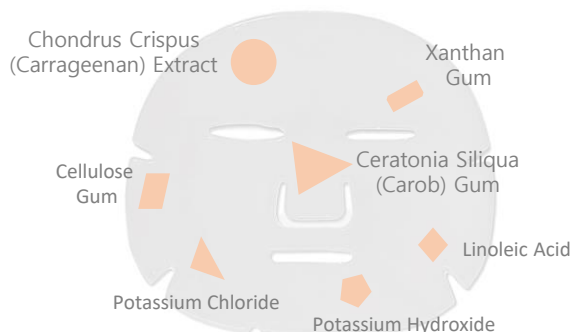
Rheometer, COMPAC-100II, KENIS, JAPAN



## Comparison of main raw materials for hydrogel formulation



**AGELU™ Hydrogel**



**Conventional Hydrogel**

## Specification

Trade Name	AGELU™
INCI Name	Agar, Xanthan Gum, Ceratonia Siliqua (Carob) Gum
Appearance	Slightly Yellow Mixed Powder, Characteristic Odor
Stability	pH 5 – 9, High Temperatures (≤ 90°C)
Dosage	1.6 – 2.0 % for Hydrogel Formula
Shelf Life	24 Months
Storage	Dry place at 15-25°C
Pack Sizes	10 Kg



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