



INJECTABLE
MEDICAL DEVICES

MY SKIN
CHEMISTRY

FILLERS PORTFOLIO

My Skin Chemistry filler line consists of 5 different references, each one with a specific concentration - to be effective and perfectly integrated in different anatomical planes.

Thanks to its wide portfolio of products, My Skin Chemistry is able to satisfy the need of the most demanding doctors and patients.





FILLER PORTFOLIO

- Complete portfolio for any skin imperfection
- Good balance between the Elastic and Viscous Modulus
- Better plasticity compared to competitive products
- Enriched with Amino acids, proline and glycine, that regulate the osmotic balance of the hydrogel and essential for collagen synthesis

RESTORE

FACIAL SKIN HYDRATION

CONCENTRATION: 18 MG/ML
OF HA BDDE CROSS-LINKED

Contains

Enriched with the amino acids
Glycine and Proline

Indication

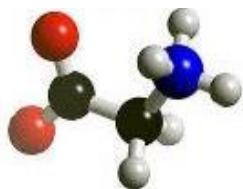
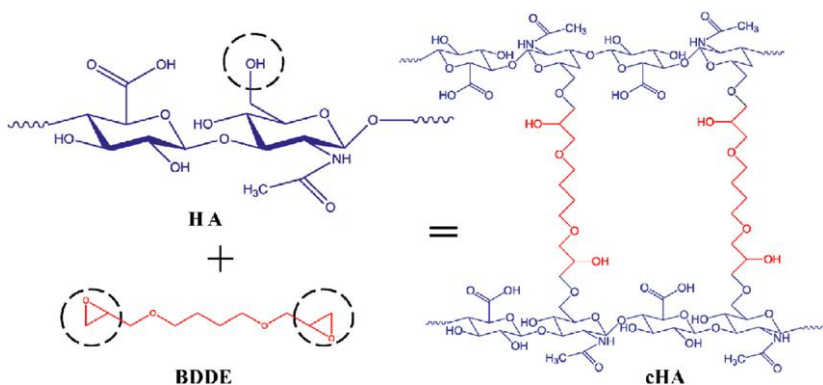
Facial skin hydration and
revitalization

Syringe

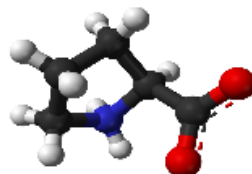
1x1 ml or 2x1 ml | Needle: 30G

Injection plane

Epidermal



Glycine



Proline

SUPERFICIAL

**SMOOTHING OUT FINE
TO MODERATE LINES
AND WRINKLES**

CONCENTRATION: 22 MG/ML
OF HA BDDE CROSS-LINKED

Contains

Enriched with the amino acids
Glycine and Proline

Indication

For smoothing out fine to
moderate wrinkles

Syringe

1x1 ml or 2x1 ml | Needle: 30G

Injection plane

Dermal



LIPS

**ENHANCING LIP VOLUME
AND CONTOURS**

CONCENTRATION: 24 MG/ML
OF HA BDDE CROSS-LINKED

Contains

Enriched with the amino acids
Glycine and Proline

Indication

Lips augmentation
and modelling

Syringe

1x1 ml or 2x1 ml | Needle: 27G

Injection plane

Deep dermal



VOLUME

RESTORE LOST VOLUME OF THE SOFT TISSUE

CONCENTRATION: 26 MG/ML
OF HA BDDE CROSS-LINKED

Contains

Enriched with the amino acids
Glycine and Proline

Indication

Restore lost volume
of the soft tissue

Syringe

1x1 ml or 2x1 ml | Needle: 27G

Injection plane

Subcutaneous



STRUCTURE

RESTORATION OF VOLUME & CORRECTION

CONCENTRATION: 28 MG/ML
OF HA BDDE CROSS-LINKED

Contains

Enriched with the amino acids
Glycine and Proline

Indication

deep filling of skin depression
and correction

Syringe

1x1 ml or 2x1 ml | Needle: 25G

Injection plane

Subcutaneous



RHEOLOGY

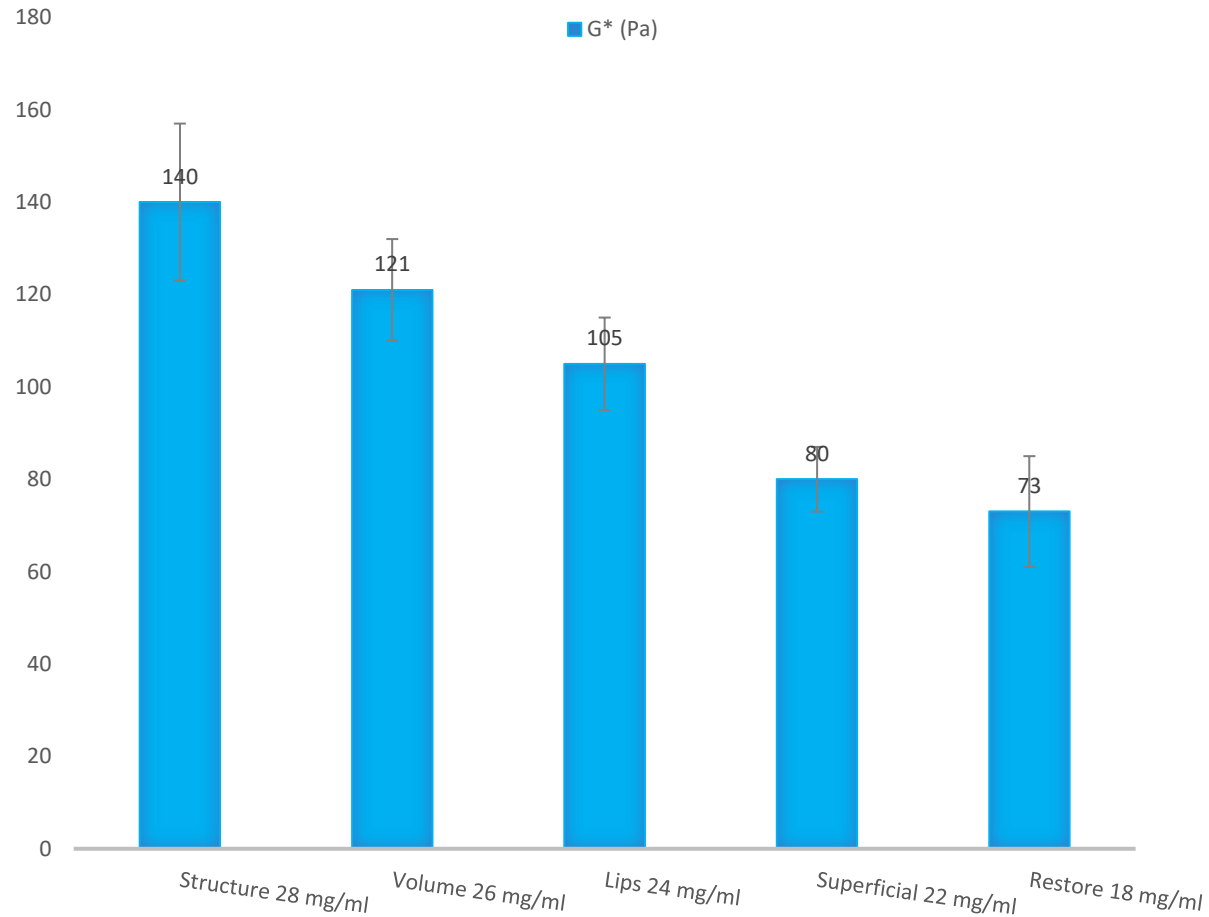
- Flexible lift capability
- Resilience to facial dynamics
- Balance between stretchability, strength and cohesivity
- Tissue integration



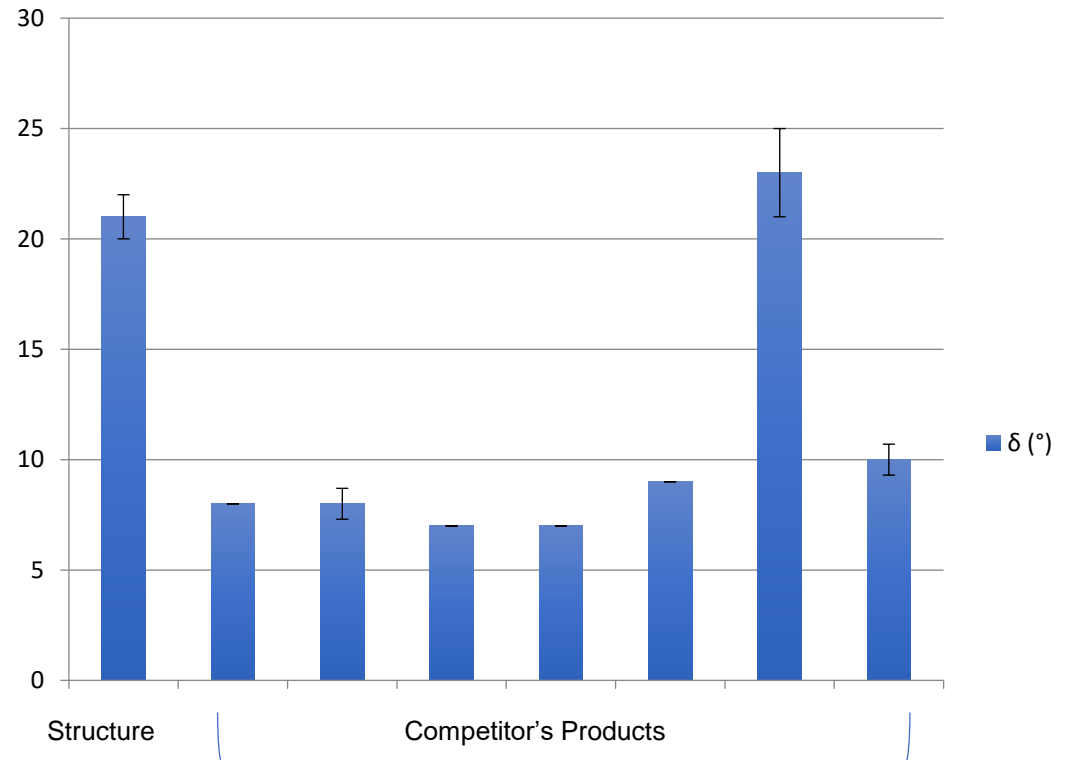
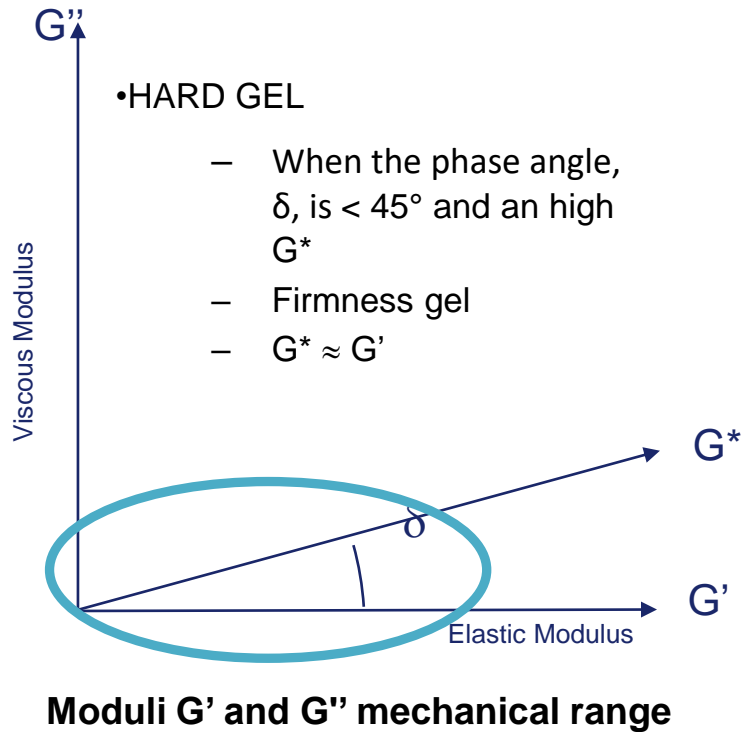
MY SKIN CHEMISTRY PRODUCTS

Lift capability

depends on the gel strength that is a quantifiable property of the gel, describing its ability to resist deformation.



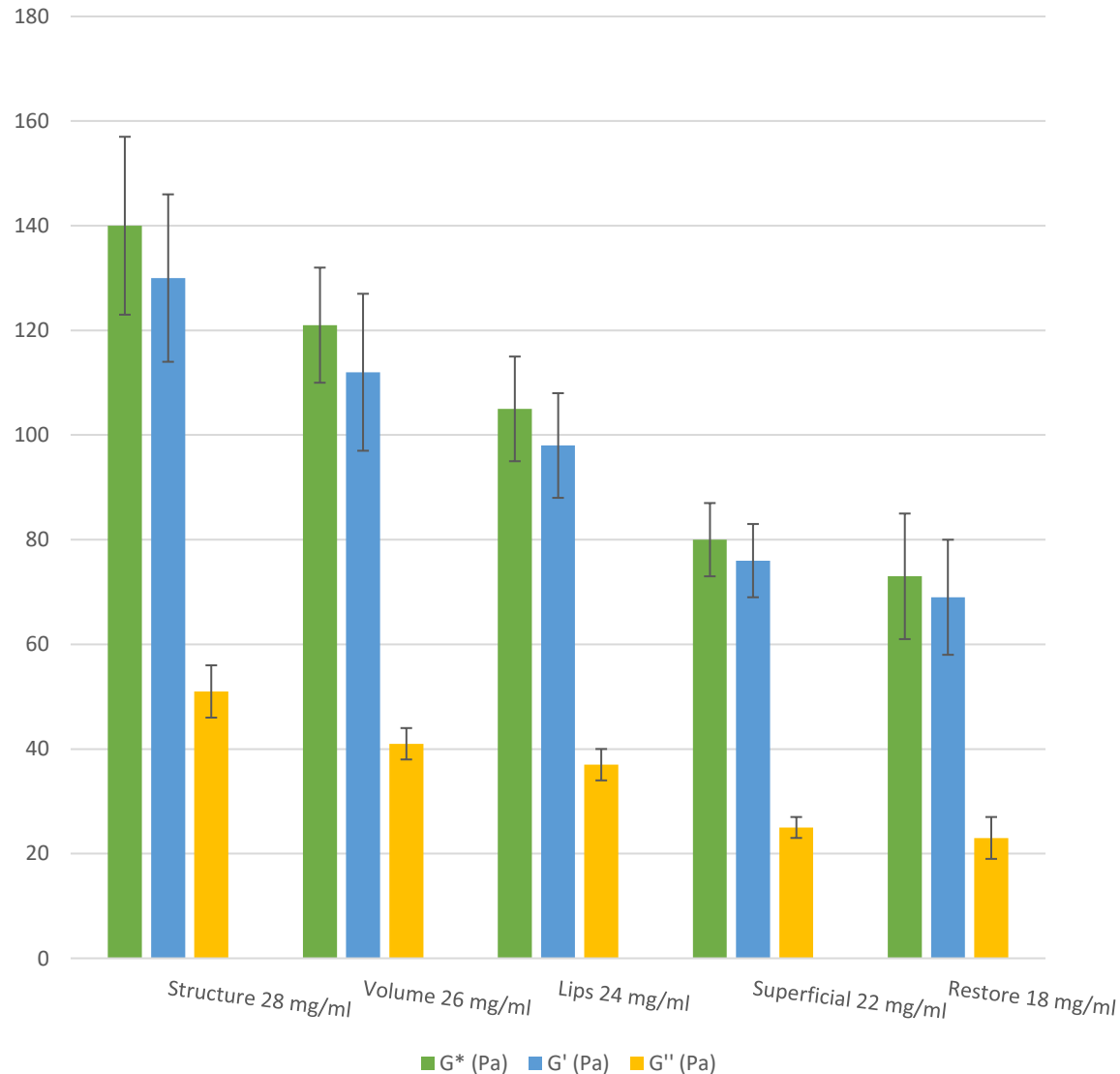
COMPETITOR PRODUCTS



VISCOELASTIC PROPERTY IN LVR

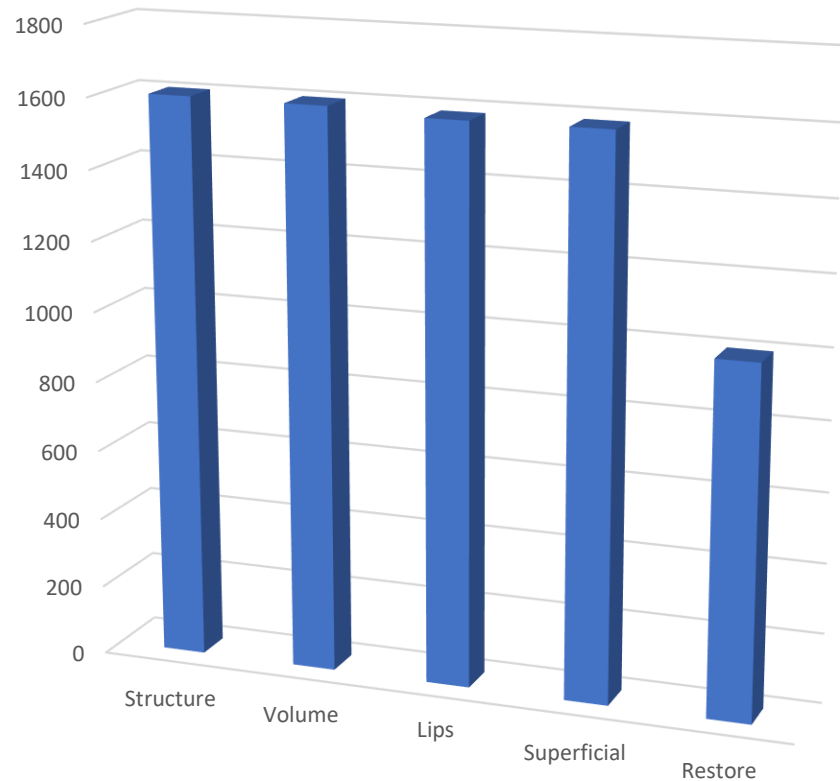
High G' fillers will have a higher resistance to the deformation when are implanted under the skin.

In particular, under the stress due to facial movements, high G' gels will remain more stable in volume due to their low deformability and so to their lower migration in the skin.



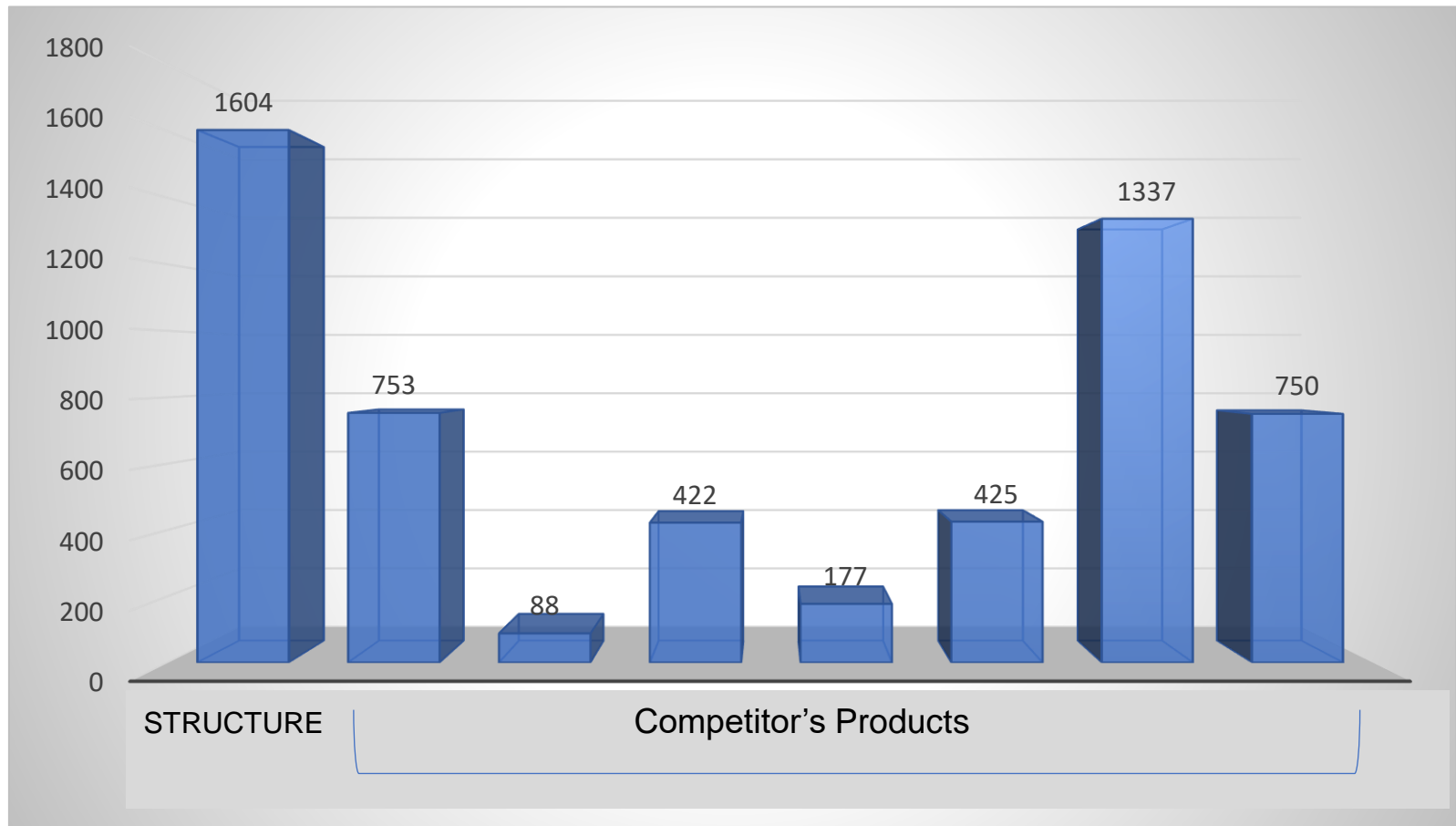
PLASTICITY: MY SKIN CHEMISTRY

Stretchability of the material. The higher the value is, the better the product will endure the injection process (without mechanical modifications). Under the skin, it will be able to sustain higher stretch.



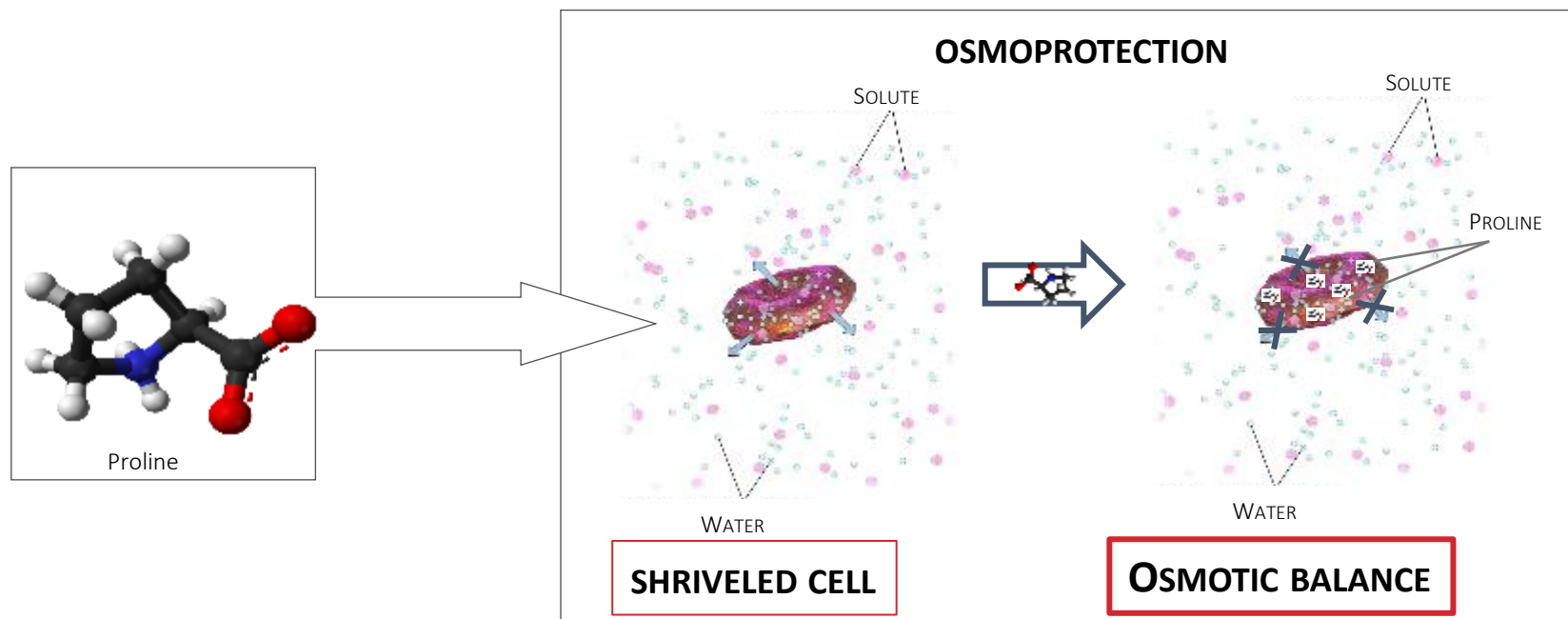
Strain (%) and Stress (τ) at crossover point. Oscillatory Shear Strain, $T=25^{\circ}\text{C}$.

PLASTICITY: COMPETITOR PRODUCTS



INFLUENCE OF GLYCINE E PROLINE IN DERMAL FILLER OSMOREGULATION

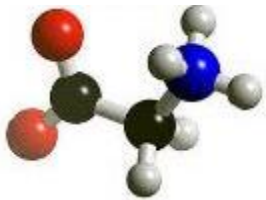
Proline plays a key role in controlling and stabilizing the osmotic balance and maintaining the turgor of the hydrogel.



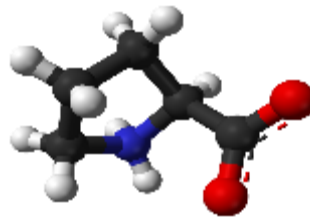
INFLUENCE OF GLYCINE E PROLINE IN THE FILLER

- Thermostable
- Reduce edema formation

Glycine

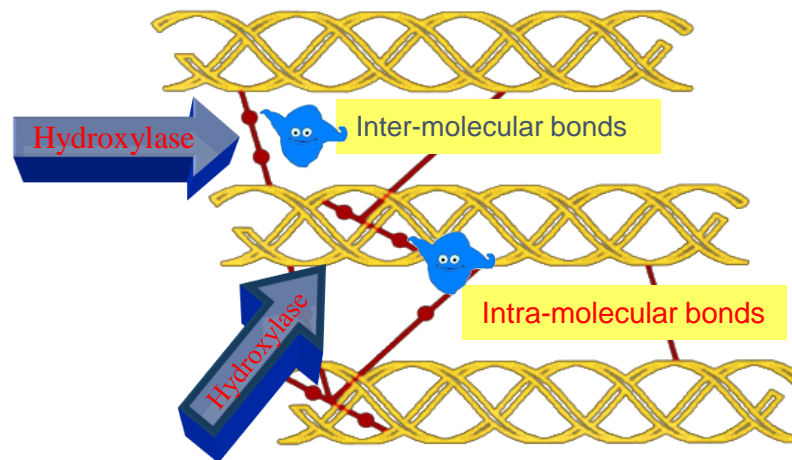


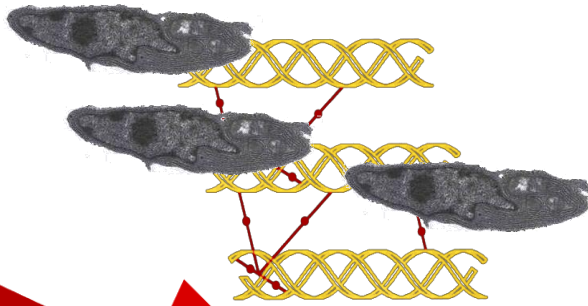
Proline



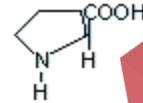
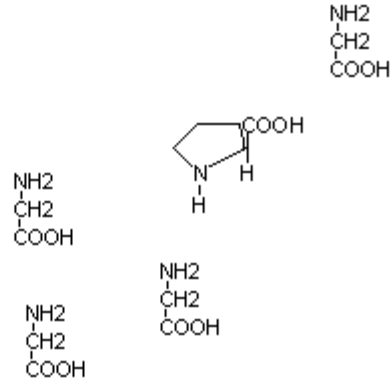
INFLUENCE OF GLYCINE E PROLINE IN CHEMIOTAXIS AND ZONATION

Glycine and Proline are the most common amino acids in collagen, essential components for synthesis and biologically attractive to fibroblasts





Zonation!



Chemiotaxis!

Two strange words :

- CHEMIOTAXIS
- ZONATION



AESTHETIC RESULTS

- Flexible lifting result
- Osmotic balance regulation and swelling control
- Support higher stretch under the skin
- Tissue integration
- Results up to 8 months