# LUMELL

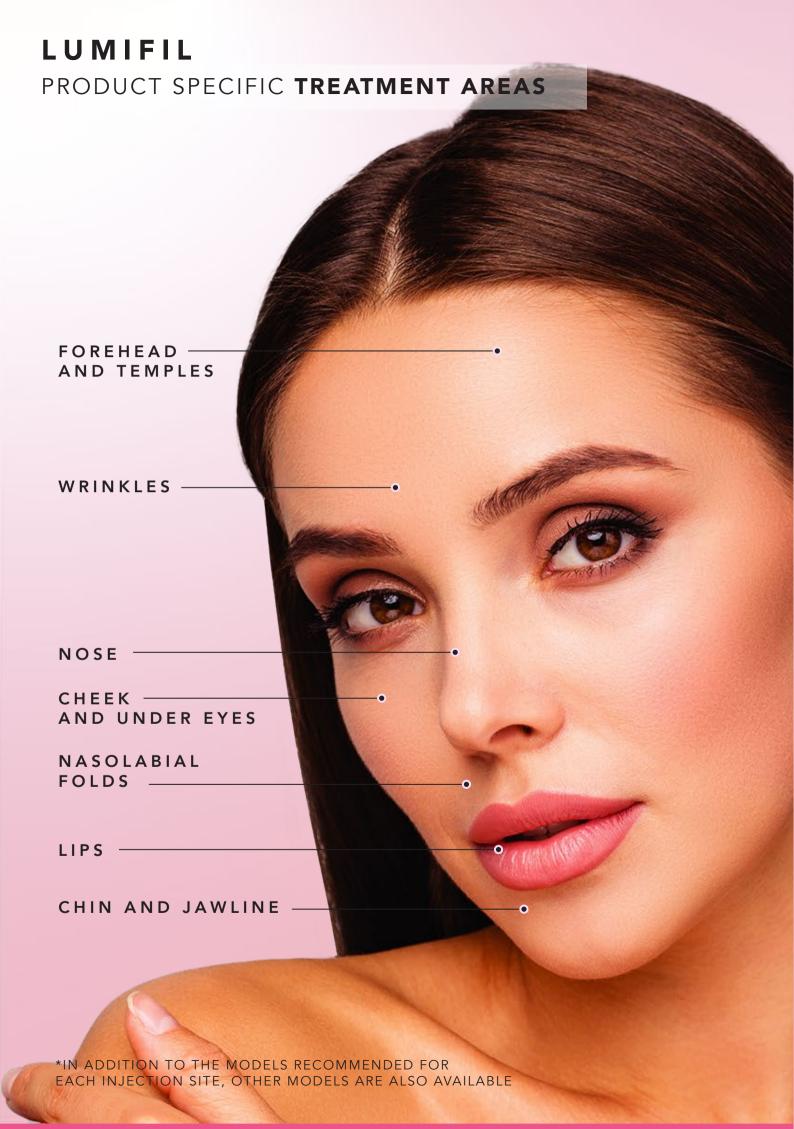
## THE COMPLETE RANGE WITH LIDOCANE



AS FEATURED IN







### ZERO BDDE

#### 3D CROSS LINKED HYALURONIC ACID DERMAL FILLER

**LUMIFIL** Use non-animal based hyaluronic acid having a molecular weight of 2,500,00 Da as the principal ingredient.

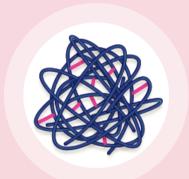
**OPTIMUM VISCOSITY & ELASTICITY** Are achieved simultaneously by applying LUMIFIL's unique technology which is capable of creating a 3D structure using only a small amount of cross-linking agent.







PRIMARY NATURAL CROSS LINKING

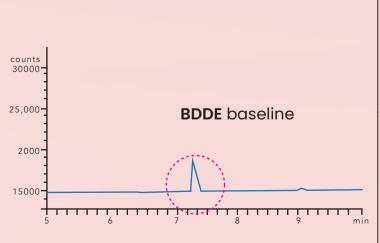


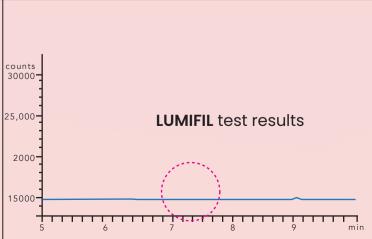
SECONDARY
OPTIMISED CROSS
LINKING WITH BDDE

## BBDE RESIDUE & ENDOTOXIN

ARE STRICTLY PROCESSED UNDER CAREFUL CONTROL

**LUMIFIL** Is a product with low residue that has achieved safety standards after applying BDDE purification process.





## LUMIFIL HAS PATENTED TECHNOLOGY

PARTICLE PLASTIC PROCESS (Patent No. 10-1223652)

LUMIFIL has its own uniform particle structure thanks to its unique HA cross-linking technique.

PP process is the technology that makes HA filler particles uniform. Through our optimised PP process, **LUMIFIL** has achieved a uniform HA particle size. A uniform particle structure enables constant injection and easy moulding thereby enhancing the effects of treatment.



\*Ref: Particle size measurement of the BNC KOREA, INC. R&D Center 2. Patient: particle manufacturing apparatus and method of the v acid derivative (Registration no. 10-1223652)

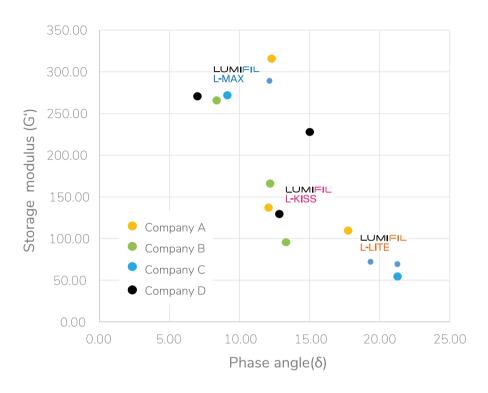
Our PP process allows for a long-lasting volumizing effect due to the increase in viscoelasticity.



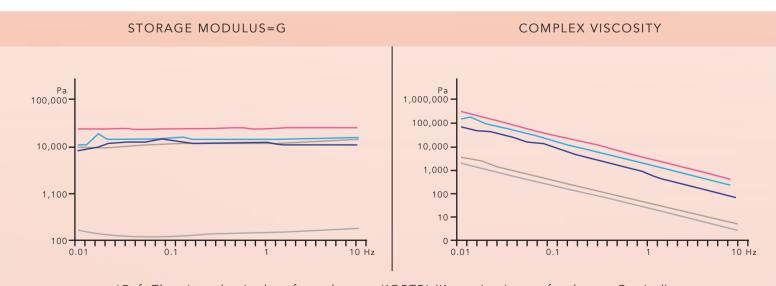
## OPTIMUM RHEOLOGICAL PROPERTIES

#### LUMIFIL IS A HIGHLY CONSISTENT MONOPHASIC TYPE

LUMIFIL has the stable constant gel structure, enhanced viscoelasticity by controlling phase angle ( $\delta$ ) values and storage modulus (G') value and further improving resilience externally.



Storage modulus (G'): The ability to store deformation energy in an elastic manner.
 Phase angle (δ): Phase angle determines G' (elasticity) value and G'' (viscosity) value. Phase angle of perfect elastic body is 0 degree indicating the maximum G', whereas that of perfect fluid is 90 degree, indicating the maximum G''.



\*Ref: The viscoelastic data from the test KOPTRI (Korea institute of polymer. Co. Ltd)

KEY:













## LUMIFIL L-LITE 1.0ml/Syringe



## LUMIFIL L-KISS 1.0ml/Syringe



## LUMIFIL L-MAX 1.0ml/Syringe



#### L-LITE BENEFITS

Smoothing fine wrinkles Improving skin texture. Natural Results.

#### L-KISS BENEFITS

Enhancing lip volume and border as well as nasolabial, cheek and marionette lines.

#### L-MAX BENEFITS

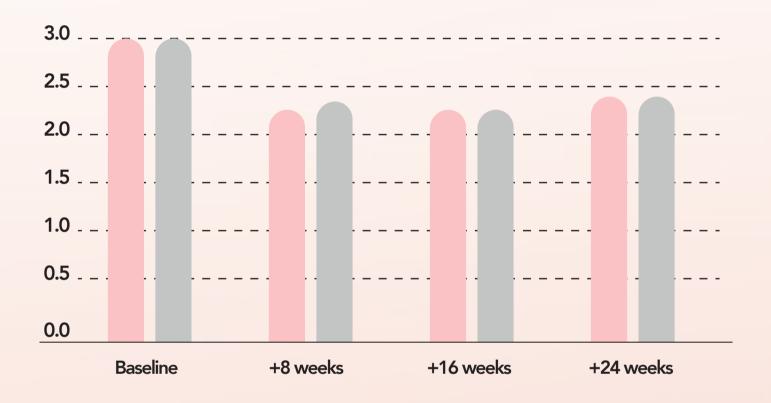
Suitable for treatments to the temples, nose, cheeks, chin and jawline.



## LUMIFIL HAS BEEN CLINICALLY TESTED AGAINST RESTYLANE

COMPARISON ON A WRINKLE SEVERITY RATING SCALE.

LUMIFIL has undergone extensive comparative clinical trials conducted by major university hospitals under the approval of the medical device clinical trial from the Ministry of Food and Drug Safety. As such it is classed as an ultra pure CE marked HA dermal filler.



Comparison of Global Aesthetic Improvement (GAI) evaluated by investigator.

	+8 weeks	+16 weeks	+24 weeks
LUMIFIL (Experimental group)	1.6 ± 0.63	1.59± 0.74	1.37 ± 0.57
PRODUCT R (Control group)	1.59 ± 0.63	1.59±0.74	$1.37 \pm 0.57$

Comparison of Global Aesthetic Improvement (GAI) evaluated by subject.

	+8 weeks	+16 weeks	+24 weeks
LUMIFIL (Experimental group)	1.47 ± 0.84	1.41± 0.92	1.31± 0.92
PRODUCT R (Control group)	1.53±0.78	$1.42 \pm 0.90$	1.19±0.98



LUMIFIL CAN BE USED INDIVIDUALLY

LUMIFIL is designed to provide the ideal balanced level of cohesivity 1 elasticity 2 and plasticity 3 for each purpose through the HCCL TM technology.

LUMIFIL can be used individually or in combination of different models, allowing precise treatment according to individualised aesthetic needs.



- **1) Cohesivity** The ability of a gel to stick together and thereby maintaining gel integrity.
- **2)** Elasticity The ability of a gel to return to its initial shape after being subjected to strain.
- **3) Plasticity** The ability of a gel to be shaped and modelled.

## RECOMMENDED INJECTION AREAS



#### PRODUCT SUMMARY







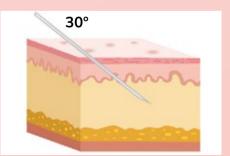






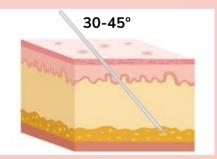
PROPERTY	Effective smoothing power	Effective balancing power	Effective volumizing power
COMPOSITION	Cross-linked HA / Lidocaine 0.3%	Cross-linked HA / Lidocaine 0.3%	Cross-linked HA / Lidocaine 0.3%
HA CONCENTRATION	20 mg/ml	20 mg/ml	20 mg/ml
CROSS-LINKING	•••○	•••	••••
INDICATION	For smoothing lines and folds	For multi-purpose correction	For contouring shape and restoring lost volume
DEPTH OF INJECTION	Into the upper dermis	Into the medium and deep dermis	Into the deep dermis and periosteum
PACKING	1 X 1.0ml syringe 2 X 30G needles	1 X 1.1ml syringe 2 X 27G needles	1 X 1.1ml syringe 2 X 25G needles

#### LUMIFIL' L-KISS



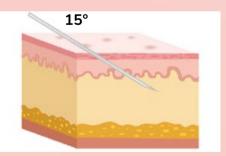
Injecting KISS into the mid deep dermis at approximately 30 degrees.

#### LUMIFIL<sup>®</sup> L-MAX



Injecting MAX into the deep dermis at approximately 30-45 degrees.

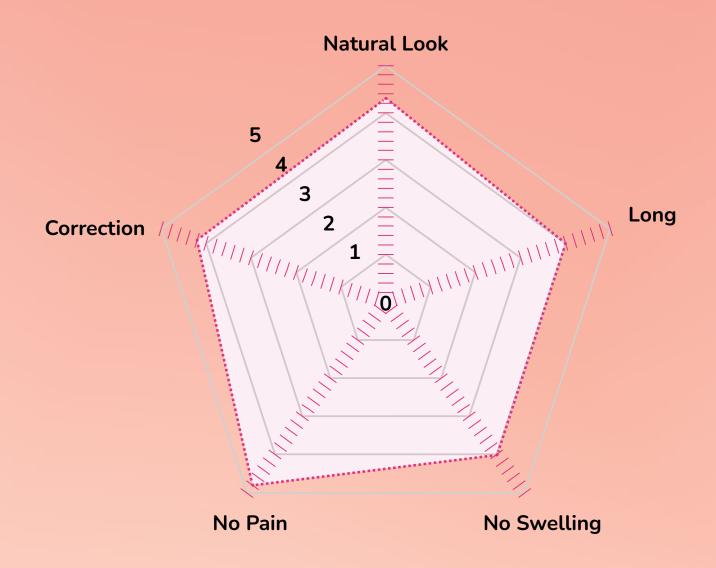
#### LUMIFIL<sup>®</sup> L-LITE



Injecting LITE\* into the upper and mid dermis at approximately 15 degrees.

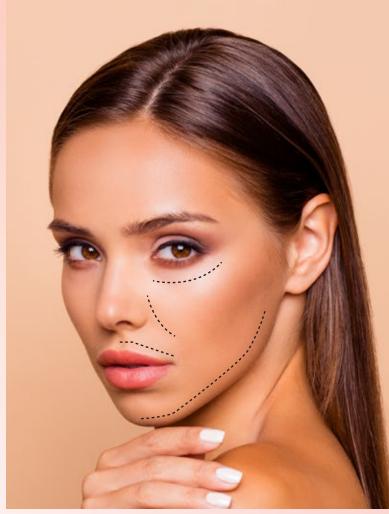
## PATIENTS SATISFACTION

The addition of Lidocaine provides a pain relieving effect during the treatment and enhances patients comfort.



Ref. Survey results taken by the manufacturer.







### LUMIFIL WITH LIDOCAINE

LUMIFIL® IS A UK BRAND



LUMIFIL® is a UK brand owned and distributed by LUMIFIL® UK LIMITED, Unit 1, Gemini 8 Business Park, Charon Way, Warrington, WA5 7AE, UK. TEL: 01925 967131 WWW.LUMIFIL.CO.UK @Lumifil\_UK, EMAIL sales@lumifil.co.uk Company Registration Number: 12646628

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