





ZISHEL MEDICAL

- MANUFACTURER AND DISTRIBUTOR

Zishel medical is an expert medical device manufacturer and distributor. We are the only group present in all 5 major sectors of the life and lifestyle concerning markets: General Medicine, Aesthetic Medicine, Pharmaceuticals, Cosmetics & Appliacnes, Selective Logistics and Retailing.

Certification

















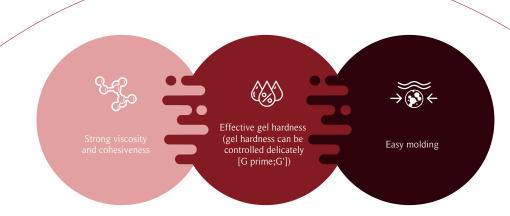








PRODUCT FEATURES



BLACK ROSE possesses all these three ideal physical properties with strong viscosity (cohesiveness) and migration resistance; effective gel hardness allows delicate control of G (gel hardness) range that results in an excellent moldability. BLACK ROSE applies innovative Hyaluronic Acid technology to increase longevity (long-lasting) effect, safety and increase removability (safe& removable) the most ideal product.



• 01. Long-lasting result

① Innovative Multi Staged Cross-Linking technology

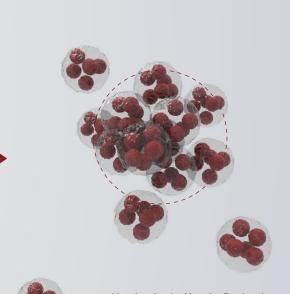
Overcoming the limitations of cross-linking technology applied in conventional HA fillers, BLACK ROSE is manufactured of microbeads using a three staged Multistaged Cross-Linking Technology to create a more stable molecular structure and higher cross-linking rate. Multi Staged Cross-Linking technology solves the short duration problem of conventional HA fillers. This technology has enabled the creation of world's first semi-permanent HA filler with a good property of material.



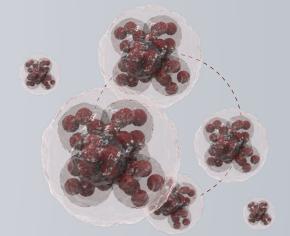
Commonly used technology to cross-link HA (Primary or Secondary cross-linking process can be different for each company.)



Ultrafine bead divided by molecules of BLACK ROSE







Another bead united by new beads



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② Viscosity (Semi-solid Gel type)

BLACK ROSE applies the unique technology of creating a semi- solid state gel of Hyaluronic Acid. Our product has high cohesiveness and viscosity so when injected it creates a pseudocapsule as an implant form that it is not easily dissolved through natural hyaluronidase by the body (mechanism of long- lasting effect).



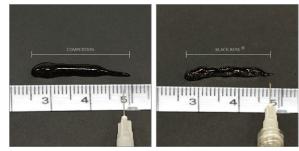


Simple particle enlargement due to limit in technological capability reduces longevity of the product



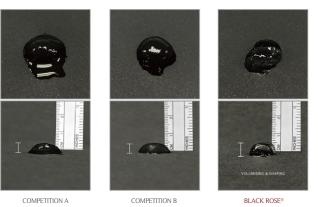
Elastic and glossy BLACK ROSE® Outstanding shape retention

[Comparison with other products: Viscosity comparison with products of moderate viscosity]



BLACK ROS

3 HOURS POST INJECTION



A viscosity test was performed on Black Rose and three competitors' porducts. Within 3 hours the three competing products migrated outside of the circle, whereas Black Rose retained its intact shape.

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- BLACK ROSE completely compensates for the problems that occur when the cross-linking rate is increased, so it is safe and can be removed.

- Generally, the raw material (Hyaluronic Acid) is easily chemically modified on high cross-linking rates. However, BLACK ROSE, as seen in the refractive index test, shows a wavelength pattern that is exactly like its raw material, showing that the final product has maintained 100% its HA without any modifications. In other words, the product can be safely absorbed by the human body without any harm, and both the raw material and the final product are 100% HA.

- BLACK ROSE shows excellent hydrophilic capacity, which means that compared to the same amount of the competitors' products, BLACK ROSE shows higher volumizing effect. Moreover high hydrophilic capacity means easy molding.

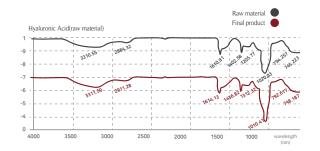
Issues faced with increased cross-linking rate

Hyaluronidase prevents the entry of HA.

Raw materials easily chemically modified.

Hydrophilic capacity drops.

[Refractive absorbance analysis]



[Comparison of moisture retention]



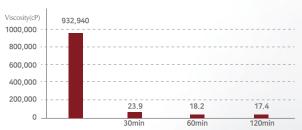
BLACK ROSE Strength

Black rose can be perfectly dissolved through effect of hyaluronidase.

Black rose remains 100% HA, showing a new level of filler compared to our competitors.

Black rose shows high hydrophilic capacity thanks to its stable molecular structure.

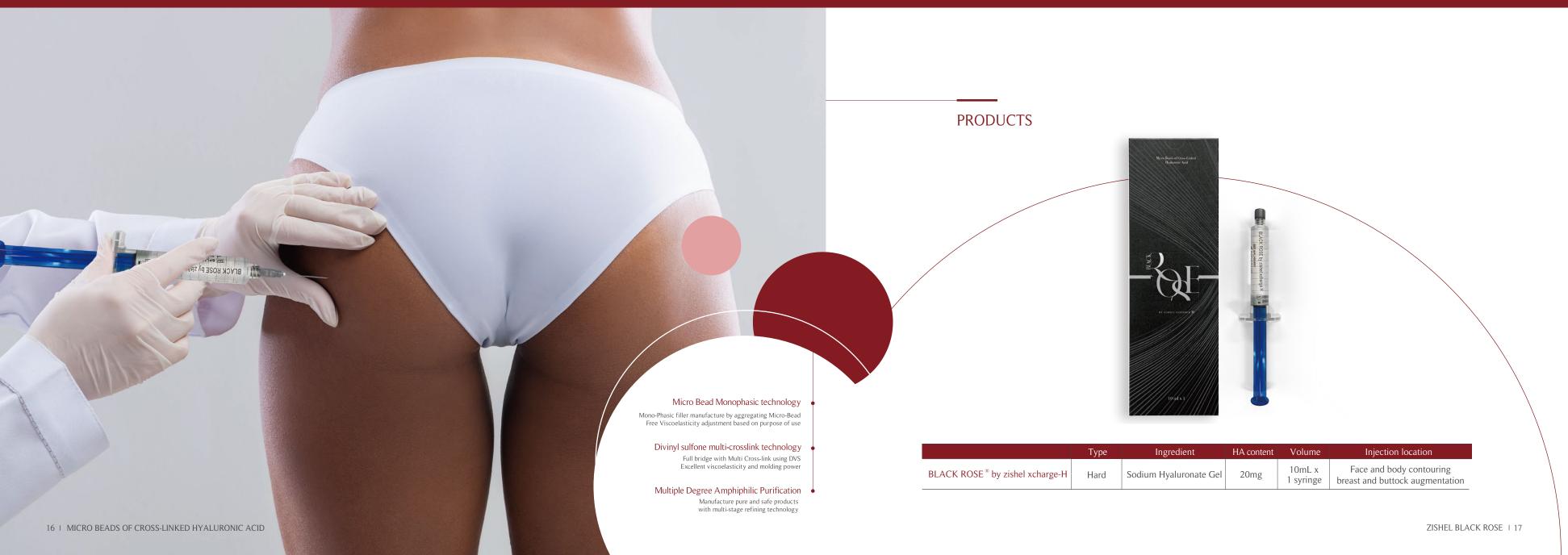
[Hyaluronidase Test]







14 | MICRO BEADS OF CROSS-LINKED HYALURONIC ACID ZISHEL BLACK ROSE | 15

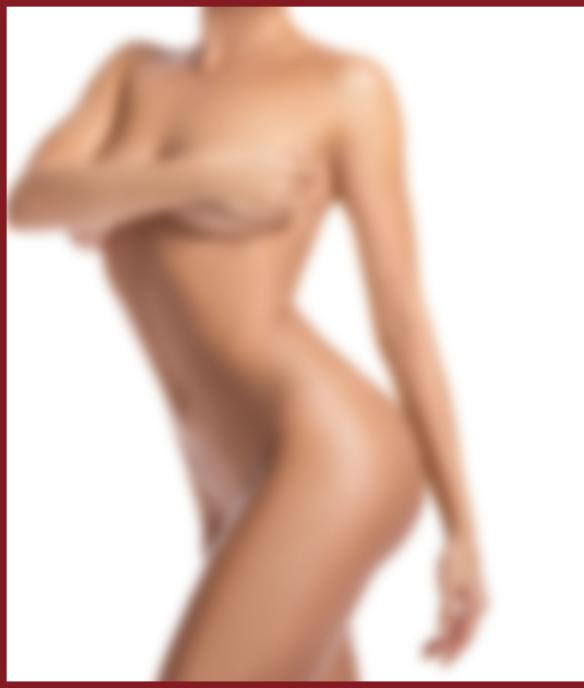




WHAT IS YOUR

PHILOSOPHY FOR BEAUTY ?







Be confident with BLACK ROSE.





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