

01 / FORMAT

Single Capsule

A familiar single-bead format for focused flavor delivery.



One capsule. One clear sensation.

A single encapsulated flavor center designed for a consistent sensory experience. Choose the bead color, diameter, flavor profile, cooling intensity and crush response to match the target application.

Focused profile



A straightforward platform for fruit, mint or other approved flavor concepts.

Flexible specification



Pair the sensory brief with the required size and crush response.

02 / FORMAT

Double Capsule

Two sensory moments within one application.



Two beads. More ways to build flavor.

Combine complementary flavor and cooling directions in a dual-capsule concept. The order of activation, color pairing and target sensation can be defined with the customer during development.

Layered experience



Explore contrast, progression or reinforcement between two profiles.

Application led



Confirm space, placement and technical fit before sampling.

A broad portfolio, with room to create a signature profile.

150+ developed flavors

Fruit, mint and blended directions can be adjusted to the desired aroma and product concept.



Aroma 9

Aroma 10

Aroma 8

Aroma 10

Aroma 10

Aroma 9

Aroma 10

Aroma 10

Illustrative flavor scores from the existing portfolio | 10-point scale

04 / SENSORY

Cooling

Specify a gentle lift or a pronounced icy finish.



Mint & cooling direction

Cooling is a design variable alongside aroma and mint intensity. The examples below use the established 10-point flavor references.

Mint



Mint		4
Aroma		7
Cooling		6

Black Ice



Mint		6
Aroma		7
Cooling		7

Intense Mint



Mint		7
Aroma		10
Cooling		7

Ice Mint



Mint		10
Aroma		10
Cooling		10

Set the balance of mint, aroma and cooling to the application.

05 / SPECIFICATION

Size

Diameter and bead weight selected to fit the product format.



Regular size references

DIAMETER	WEIGHT	BEADS / KG	CRUSH FORCE	FORMAT
2.8 mm	12.5 mg	80,000 ± 200	1.6 kgf	Slim
3.15 mm	18 mg	55,500 ± 200	1.8 kgf	Fine
3.4 mm	22 mg	45,400 ± 200	1.8 kgf	Regular

Need a different fit?

The broader listed diameter range is 2.8–5.0 mm. Confirm the final fit during sampling.



06 / PERFORMANCE

Crush Strength

Tune the force required to activate the capsule.



Reference crush-force values

2.8 mm

1.6 kgf

3.15 mm

1.8 kgf

3.4 mm

1.8 kgf

Designed around the use experience

Crush response can be adjusted to the application and target interaction. Confirm the agreed force and test method during sampling.

Application fit



Agree on the target format, placement and activation experience.

Measured release

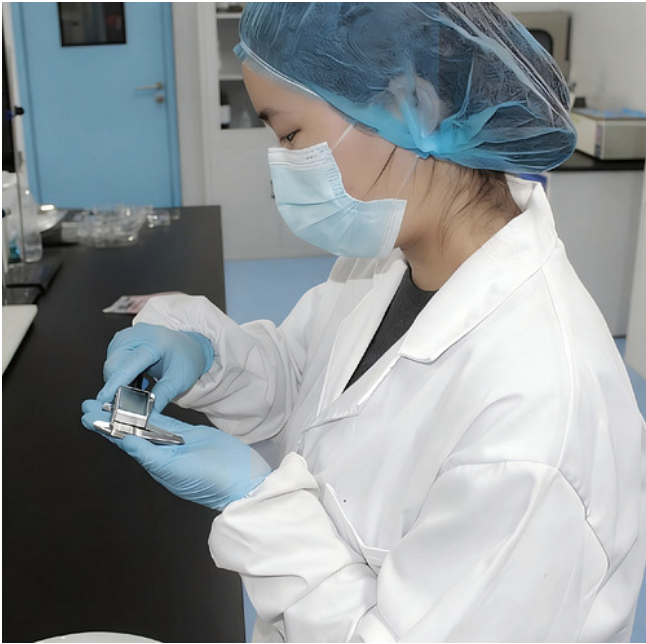


Confirm the agreed crush-force method and acceptance range during sampling.

07 / QC

Quality Control

Checks from incoming materials through finished goods.



Process control at every stage

Inspection points are built into manufacturing, packing and final release.

01 Incoming materials



Supplier, label, batch documents; sensory, physicochemical and microbiological checks.

02 Weighing & mixing



Balance calibration, recipe controls and dual verification.

03 Forming & drying



Appearance, bead weight, core weight, process pressure and particle size.

04 Sorting



Sensory, crush response, diameter and taste review.

05 Inner & outer pack



Net weight, sealing, labels, appearance and packaging checks.

06 Finished product



Release after the defined tests and storage-condition checks.

Documentation: inspection report, TDS and safety information as applicable.

08 / OEM & ODM

Customization

Co-develop a capsule solution around the product brief.



A clear route from brief to production

01 Brief

Format, flavor, cooling, size and color.



02 Develop

Formula and technical specification.



03 Sample

Evaluate and refine against the target.



04 Scale

Agree on packaging and delivery plan.



MOQ 50 kg

Sampling 3–7 days

Bulk lead time follows the custom brief and production plan.