



Food Grade High Concentration Mint Flavor For Chewing gum Of Long-lasting Freshness

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Plant
- Certification: COA,MSDS,IFRA,CE,ISO
- Model Number: LDZ-PL100061
- Minimum Order Quantity: 1KGS/To Be Negotiated
- Price: 1-49 Kilograms \$20.00, To Be Negotiated
- Packaging Details: Carton Drum Packing :5kgs/drum,4 Drum/carton,20kgs/carton(41*28*33.5cm);Iron Drum Packing: 25 Kg/drum (D: 30cm, H: 45cm)(0.032cbm)
- Delivery Time: 3-5 Working Days For Trial Order; 5-10 Working Days For OEM Order
- Payment Terms: L/C,T/T,Western Union,MoneyGram
- Supply Ability: 2000 Kilogram/Kilograms Per Day



Product Specification



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Product Description

Food Grade High Concentration Mint Flavor For Chewing gum Of Long-lasting Freshness

Product Code: LDZ-PL100061

A Food Grade High Concentration Mint Flavor for chewing gum is a specialized ingredient designed to deliver a powerful, long-lasting mint sensation. Its "high concentration" means less flavor is needed to achieve the desired intensity, which is crucial in gum formulation. The mint type is often Peppermint (for a sharp, icy burst) or Spearmint (for a softer, sweeter note), or a strategic blend of both. It's formulated to provide an immediate, strong flavor release followed by sustained freshness.



Flavor Profile

These are typically blends of natural mint oils (like *Mentha piperita* or *Mentha spicata* oil) and natural and/or synthetic aromatic compounds, primarily Menthol, which is the key compound for the characteristic cooling effect. Other flavor components contribute to the specific "mint" character.

Top Notes	Middle Notes	Base Notes
Highly volatile compounds, often including initial Menthol and light aromatic aldehydes. This can also include a sugary sweetness from polyol coatings.	The heart of the mint identity, driven by the core oil (e.g., Peppermint Oil or Spearmint Oil). Key molecules include a high concentration of Menthol (Peppermint) or Carvone (Spearmint).	Less volatile, heavier compounds, often delivered via encapsulated flavors or spray-dried ingredients (like spray-dried menthol/mint oil). May include slightly herbal or creamy undertones.

This tiered structure, especially the use of encapsulation for the base notes, is what distinguishes high-concentration flavor technology, as it delivers a sustained, refreshing experience without the initial harshness of simply adding excessive liquid flavor oil.



Technical Specifications

Formular of Wintergreen Mint Fragrance Flavor (For reference only)

Ingredients	Percentage(%)	Ingredients	Percentage(%)
Methyl salicylate	40	Cinnamon oil	11
Spearmint oil	15	Peppermint Crude Oil	30
Fennel oil	4		



Functional Properties:

High-concentration flavors are crucial for a great chewing gum experience, as they also contribute to the perceived breath-freshening effect. However, the concentration must be carefully balanced; too much flavor oil can plasticize the gum base, altering the gum's texture and consistency.

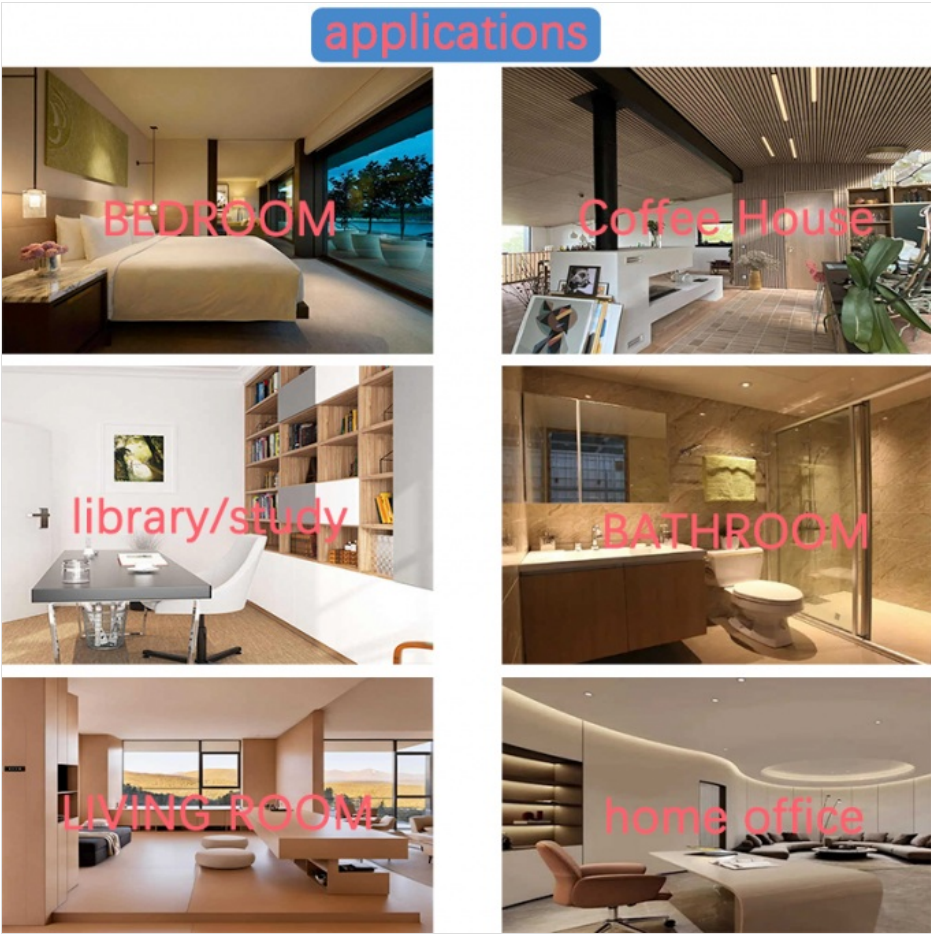
High-concentration mint flavor is a cornerstone in the chewing gum industry, primarily applied in products where maximum sensory impact and specific functional claims are essential:

Premium and Long-Lasting Gum	Used extensively in premium pellet and stick gums marketed specifically for "long-lasting flavor" and "extended freshness." The concentrated nature facilitates a lower dosage in the final product while maximizing longevity.
Oral Hygiene and Dental Health Gums	Applied to enhance the perception of cleanliness in gums that contain active dental ingredients (like xylitol, fluoride, or anti-plaque agents). The strong mint flavor complements the functional claims of oral care.
Functional and Nootropic Gums	Incorporated into specialty gums designed for alertness and focus. The powerful, sharp scent and cooling sensation of mint, particularly peppermint, has been anecdotally and sometimes scientifically linked to enhanced cognitive performance.

Applications & Benefits:

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Breath Mints and Confectionery Coated Gums	Essential for the outer coating of compressed mints and coated gum pellets. A high concentration ensures the initial crisp shell delivers an immediate, intense flavor and cooling blast upon cracking, satisfying the consumer's immediate sensory expectation.



applications



Packaging Options:

Pack Type	QTY	Specification	Volume
Plastic Bottle	5kgs	L41*W28*H33.5cm (5kg*4 bottle per carton)	0.038cbm
Metal Barrel	25kgs	D30*H45cm	0.032cbm
Jerry Can	20-25kgs	L29.5*D29.5*H41cm	0.33cbm

Production Time: 3-5 days for trial orders, 5-10 days for bulk orders.

100% STRENGTH BRAND

Our products are strictly approved by a list of certifications, such as ISO22000, COA
MSDS, SGS, ISO9001, HACCP, IFRA, SPEC



Packaging & Logistics

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- Assistance with regulatory compliance
- OEM support for custom scents



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