

KIMILOID

Reduction of Oil Absorption



Reduce Oil Absorption without Compromising Taste

KIMILOID(Propylene Glycol Alginate) is a thickening stabilizer consisting essentially of Propylene Glycol Alginate, a high molecular weight modified polysaccharide extracted from seaweed.



Cut Calories

Reduce Oil Content by 20-25%!
Make High-Calorie Fried Foods Healthier!

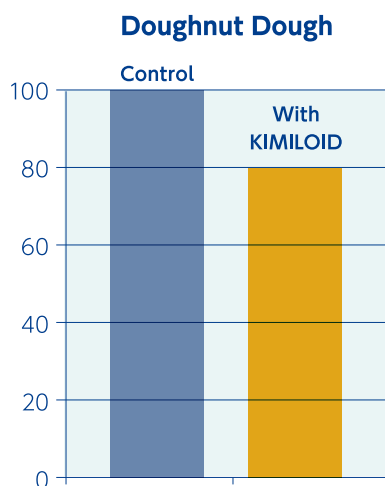
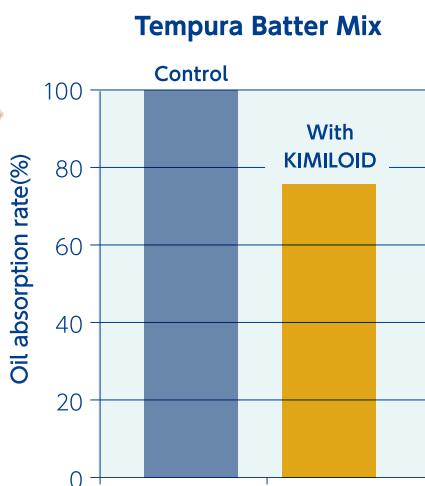
Improve Texture

Maintain a Crispy Texture
with Reduced Oil Absorption



Comparison of Oil Absorption Rate

About **25%**
Reduction



About **20%**
Reduction

*Dosage: KIMILOID HVC 0.2%

Marine Biopolymers Alginate

Alginate is a natural polysaccharide unique to brown seaweeds such as kelp. It is widely used in various fields, such as food, pharmaceuticals, cosmetics, and textile printing, as an essential material for promoting people's health and enriching their lives.

Alginate in the seaweed forms sea minerals and salts, filling the intercellular spaces in a gentle jelly-like state. The flexibility of swaying seaweed in the ocean is attributed to the distinctive properties of alginate. Accounting for 30-60% of the dried seaweed, alginate can be described as a natural dietary fiber, often referred to as the "primary component of seaweed."

KIMICA's alginate is gaining a reputation as a "sustainable material" extracted from brown seaweed that has completed its lifecycle and washed up on the shore, using a production method which maximizes the utilization of natural energy.

KIMICA Alginate – a highly valued, sustainable material.



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