

Thickeners don't make you fat!

In the cosmetic industry, thickeners are mostly associated with substances that thicken a cosmetic formulation or affect its consistency. The additional individual properties of the raw materials are often unknown or are seldom used.

The purpose of the tables below is to provide an overview of these properties and show that thickeners today certainly won't make you fat.



Characteristics: Genuvisco

INCI	Chondrus Crispus (Carrageenan)
Origin	Natural, extracted from red algae
Properties	<ul style="list-style-type: none"> • Improves slipperiness • Reduces stickiness • Optimises skin feel (e.g. finish of a butter formulation) • Optimises dispersion
Recommended dose	0.05–0.25 %

Characteristics: Kelcogel

INCI	Gellan Gum
Origin	Obtained via biotechnology by means of the bacterium <i>Sphingomonas elodea</i> , which occurs naturally, e.g. on water lily leaves
Properties	<ul style="list-style-type: none"> • Improves dispersion • Optimises skin feel • Reduces stickiness • Special type CG-LA is able to keep fine particles in suspension (also in low viscosity products, such as in sprays) • Stabilising properties
Recommended dose	<0.2 %

Characteristics: Keltrol

INCI	Xanthan Gum
Origin	Obtained using biotechnology via <i>Xanthomonas campestris</i> . These bacteria are found naturally, e.g. on cabbage.
Properties	<ul style="list-style-type: none"> • Improves the heat stability of emulsions • Optimises the flow behaviour of lotions and surfactant systems • Improved emptying of containers (e.g. in lotion dispensers) • Special type CG-SFT reduces stringing
Recommended dose	0.05–0.5 %

Characteristics: Tego Carbomer

INCI	Carbomer
Origin	Petrochemical, acrylic acid polymer
Properties	<ul style="list-style-type: none"> • Refreshing effect as a fast-acting background network • Improves heat stability
Recommended dose	0.05–0.2 %

Characteristics: GenuPectin

INCI	Pectin
Origin	Natural, extracted from citrus fruits or sugar beet
Properties	<ul style="list-style-type: none"> • Makes the skin soft and smooth • Works as a buffer in the skin-neutral pH range of 4.1–5.5 • Excellent skin tolerability, including in the highly acid pH range • For sensitive, atopic or acne-prone skin
Recommended dose	0.1–2.0 %