

Ammonium Alginate

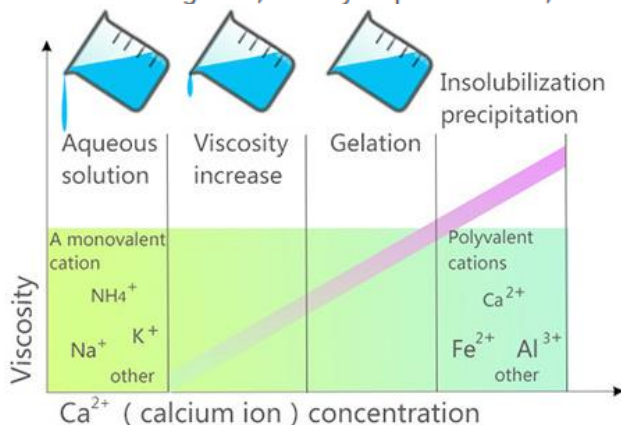
Product description:

Ammonium alginate is one kind of light yellow to brown amorphous powder or granule, which has the features of hydrophilic, thickening and gel properties. Due to the characteristics of more pure organic product, it contains low ash content.

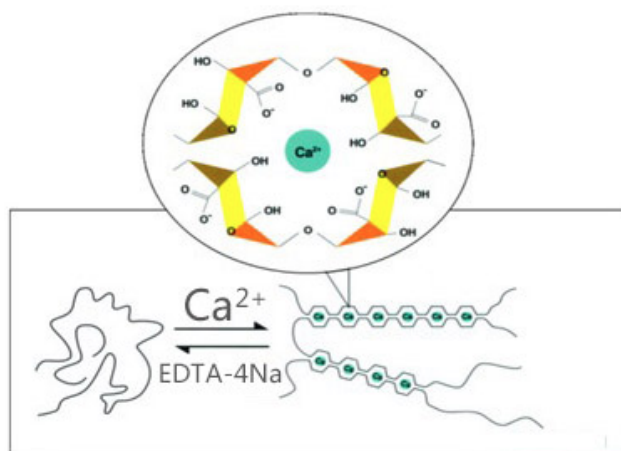
1. Used for sealing and coating the bottle cap of canned products.
2. No flame retardant, used for coating the food wrap paper and is convenient for burning the waste paper.
3. Rubber concentrating agent, chewing gum bases.

Gel Property:

Ammonium alginate, as a hydrophilic colloid, is easily soluble in water to form a viscous solution.



Ammonium alginate can rapidly exchange the ions when encounters the calcium ions to form the gel, whose gel has the thermo irreversible property. The gel formed by the high-G alginates is hard but fragile; By contrast, the gel formed by high-M alginates is good flexibility but hardness. Adjusting the two ration, we can produce different strength gel.



Specifications:

Product Category	Specification	Granularity	Application	Standard
Ammonium Alginate	200-600cps	80	Food, medicine, cosmetics, thickeners	Q/0211 QMY121-2015