

SPECIFICATION

Alginate Acid

Parameters	Specification
CAS Number	9005-32-7
Appearance	White to off-white powder
Molecular Formula	(C ₆ H ₈ O ₆) _n
Molecular Weight	200000 g/mol
Boiling Point	200 °C
Melting Point	180 °C
Flash Point	320 °C
Purity	98–99%
Refractive Index	1.53
Solubility	Practically insoluble in water; soluble in alkaline solutions; forms gels with divalent cations (e.g., Ca ²⁺)
Uses	Thickening and gelling agent in foods, pharmaceuticals, cosmetics; stabilizer; dental impression material

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