

SPECIFICATION

Sodium Alginate

Parameters	Specification
CAS Number	9005-38-3
Appearance	White to off-white powder
Molecular Formula	(C ₆ H ₇ NaO ₆) _n
Molecular Weight	200000 g/mol
Boiling Point	300 °C
Melting Point	200 °C
Flash Point	400 °C
Purity	98–99%
Refractive Index	1.45
Solubility	Soluble in water; insoluble in organic solvents
Uses	Food thickener and gelling agent; cosmetic thickener; pharmaceutical excipient; wound dressing; hydrogel/biopolymer applications

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